210B

Kansas Department of Health and Environment
Bureau of Air and Waste Management
Forbes Field, Topeka, Kansas 66620

Hazardous Waste Generator/Transporter
Compliance Inspection Report

General

Time 9:00 a.m. Date 8 Feb. 94

Facility Name Hydrocarbon Recyclers, Inc. EPA ID No. KSD 007246846

Street 2549 North New York City Wichita, KS Zip 67219

Mailing Address (if different than above)

County Sedgwick Phone (316) 268-7500

Contact(s) Steve Keiter, Facility Mgr. Cary Mans, Plant Engr.
Ron Robertson, Safety & Compliance Officer Beth Montgomery, Lab Mgr.

Inspector(s) Gil Perez, BODO, Wichita Dedriel Newsome, EPA, KC, KS

Type of Business Interim Status TSDF.

Has the company declared any information/processes as trade secrets (KSA 65-3447)? Yes (No)
If yes, explain.

Industrial Wastes Generated

(List hazardous wastes first) see attached for daily container & tank inventory reports.

Waste:	Waste Chlorinated Solvents	Waste Tetrachloroethylene/Debris
If waste is hazardous, give HW ID Number:	F001, F002	F002
Amount generated per month:		
Amount presently in storage:		
Accumulation time:		
Present disposal method:	HRI - Tulsa & San Antonio.	Rollins, Deer Park, TX.

Waste:	Waste Solvents / Paints mixtures	Waste Non-blendable
If waste is hazardous, give HW ID Number:	D001, F003, F005	D004 through D011
Amount generated per month:		
Amount presently in storage:		
Accumulation time:		
Present disposal method:	Systech, Fredonia, KS (Kiln Fuel)	USPCI - Lone Mt, OK. Incin - Rollins or ENSCO

Waste:	Waste Blendables (Kiln Fuel)	Waste Oxidizers - Class I & II
If waste is hazardous, give HW ID Number:	D001, F001, F002, F003, F005 D004 through D011 & U-Listed	D001
Amount generated per month:	D018-43 per analyses.	
Amount presently in storage:		
Accumulation time:		
Present disposal method:	Systech - Fredonia, KS Hearthland Cement, Indep., KS.	Incineration - Rollins / ENSC (w/listed codes)

Waste:	Waste Corrosives	Wastewater (D001)
If waste is hazardous, give HW ID Number:	D002, D007	D001, D007, D008
Amount generated per month:		
Amount presently in storage:		
Accumulation time:		
Present disposal method:	USPCI - Lone Mt., OK.	Incineration - Gibraltar, TX or Deep Well Injection.

Waste:	Contaminated Debris	Non-hazardous wastewater	Used Oil
If waste is hazardous, give HW ID Number:	D001, D002, D007, F001, F006	na	na
Amount generated per month:	New process		
Amount presently in storage:			
Accumulation time:			
Present disposal method:	Accumulating	Deep Well or Lone Mt.	Systech

General Requirements (GGR)

I. Has the facility evaluated all potentially hazardous waste(s) to determine if it is hazardous? (KAR 28-31-4(b)) — (Yes) No

A. If waste(s) was tested, was the analysis conducted by a laboratory certified by KDHE? (KAR 28-31-4(b)(3)(A)) — (Yes) No NA

B. If waste(s) was tested, are the results kept for three years? (KAR 28-31-4(f)(1)(C))? — (Yes) No NA

II. If hazardous waste(s) is disposed of via the sanitary sewer to a Publicly Owned Treatment Works (POTW), has written permission been obtained from the operator of the POTW? (KAR 28-31-3/40 CFR 261.4) — Yes No (NA)

~~Yes No NA~~

III. If industrial waste(s) is disposed of at a permitted sanitary landfill, has a disposal authorization been obtained? (KAR 28-29-23) — Yes No (NA)

A. If yes, list the authorization number(s): _____

IV. Facility size classification:

☐ Not a Generator ☐ Small Qty. Generator ☐ Kansas Generator ☒ EPA Generator
☒ T/S/D Facility ☐ Transporter ☐ HW Burner/Marketer ☐ Used oil Burner/Marketer

Hazardous Waste Determination Requirements: ☒ Adequate ☐ Inadequate

Notification Requirements (GGR)

V. Has generator notified KDHE and obtained an EPA Identification Number? (KAR 28-31-4(c)) — (Yes) No NA

VI. Is current notification accurate? (KAR 28-31-4(c)(1)) — (Yes) No NA

A. Is this facility marketing (selling) hazardous waste as a fuel? — Yes (No) NA

B. Is this facility marketing (selling) used oil as a fuel? — Yes (No) NA

(If yes, to either question A or B, complete Used Oil Fuel Marketers/Blenders Checklist.)

C. Is this facility burning hazardous waste as a fuel? — Yes (No) NA

D. Is this facility burning used oil as a fuel? — Yes (No) NA

Notification Requirements: ☒ Adequate ☐ Inadequate ☐ NA

(If small quantity generator, stop here.)

Manifests (GMR)

VII. Is a contractual agreement used in place of manifesting? (KAR 28-31-4(d)(7)(A-C)/40 CFR 262.20(e)(1-2))	Yes	No	
A: If yes, does the contractural agreement include the type of waste and frequency of shipments?	Yes	No	
B. If yes, is the vehicle used to transport the waste owned and operated by the reclaimer of the waste?	Yes	No	
C. If yes, is a copy of the agreement kept for a period of three years after termination of agreement?	Yes	No	NA
VIII. Is a current manifest showing revision date and burden disclosure statement used? (KAR 28-31-4(d)/40 CFR 262.20)	Yes	No	NA
A. If yes, does manifest(s) include:			
1. Generator EPA Identification Number (12 digit) and manifest document number (five digit)?	Yes	No	NA
2. Number of pages?	Yes	No	
3. Generator's name and mailing address?	Yes	No	
4. Generator's phone number?	Yes	No	
5. Transporter 1 Name?	Yes	No	
6. Transporter 1 EPA Identification Number?	Yes	No	
7. Transporter 2 Name?	Yes	No	NA
8. Transporter 2 EPA Identification Number?	Yes	No	NA
9. Name and site address of designated facility?	Yes	No	
10. Designated facility's EPA Identification Number?	Yes	No	
11. Waste Description (DOT shipping name, hazard class, and identification Number)?	Yes	No	
12. Number and type of containers?	Yes	No	
13. Total quantity?	Yes	No	
14. Unit (weight or volume)?	Yes	No	
15. Special handling instructions?	Yes	No	NA
16. Generator's certification including waste minimization statement, generator's signature, and date?	Yes	No	
17. Name, signature, and date of transporter 1?	Yes	No	
18. Name, signature, and date of transporter 2?	Yes	No	NA
B. Does generator retain a copy of manifest(s) signed by both generator and transporter? (KAR 28-31-4(d)(4)(A-C))	Yes	No	
C. Does generator retain copy of manifest(s) signed and dated by T/S/D/ facility owner/operator for three years? (KAR 28-31-4(f)(1)(A))	Yes	No	
D. Has generator ever failed to receive a signed copy of a manifest within 45 days of initiating a shipment?	Yes	No	
1. If yes, was exception report(s) filed? (KAR 28-31-4(f)(4)(B))	Yes	No	NA
2. If yes, was copy retained for three years? (KAR 28-31-4(f)(1)(A))	Yes	No	NA

Manifesting Requirements: ☒ Adequate ☐ Inadequate ☐ NA

Land Disposal Restrictions Requirements (GLB)

IX. Does facility generate any wastes subject to the land disposal restrictions requirements of 40 CFR 268, Subparts B and C? (Yes) No
List these wastes: All wastes.

A. _____ D. _____

B. _____ E. _____

C. _____ F. _____

X. Is the waste(s) covered by a National Variance(s), Extension, or Petition? (40 CFR 268 5&6) Yes (No)
A. If yes, describe the variance, extension, or petition which applies:

_____

_____

XI. Is the waste covered by an exemption? (40 CFR 268.1(c)(2)) Yes (No)
A. If yes, does the generator provide a notice with the waste to the T/S/D facility stating that the waste is exempt from the land disposal restrictions? (40 CFR 268.7(a)(3)) Yes No

XII. Does generator ship waste(s) covered by the Land Disposal Restrictions off-site for treatment or disposal? (Yes) No
A. If yes, does the generator provide a notification to the T/S/D facility that includes: EPA hazardous waste number(s), applicable treatment standards, manifest number(s), and waste analysis data, if available? (40 CFR 268.7) (Yes) No
B. If yes, is a copy of this notification kept for five years? (Yes) No

XIII. Does generator treat restricted waste(s) on-site so that they are below the land disposal restrictions standards? (If yes, fill out land disposal restrictions checklist.) Yes (No)

Land Disposal Restrictions Requirements: ☒ Adequate ☐ Inadequate ☐ NA

Pre-Transport Requirements (GPT)

XIV. Does generator package waste in accordance with DOT requirements? (KAR 28-31-4(e)(1)) (Yes) No NA

XV. Does generator label (flammable liquid, poison, etc.) each package in accordance with DOT requirements of 49 CFR 172.101 or 172.102? (KAR 28-31-4(e)(2)) (Yes) No NA

XVI. Does generator mark (consignee's or consignor's name and address, etc.) on each package in accordance with DOT requirements of 40 CFR 172 Subpart D? (KAR 28-31-4(e)(3)) (Yes) No NA
A. Does generator mark each container of 110 gallons or less as below? (KAR 28-31-4(e)(3)) (Yes) No NA

Hazardous Waste – Federal Law Prohibits Improper Disposal.
If found, contact the nearest police or public safety authority or the US EPA.

Generator's Name and Address

Manifest Document Number

XVII. Does generator have placards to offer to transporters in accordance with 49 CFR 172 Subpart F? (KAR 28-31-4(e)(4)) (Yes) No NA

XVIII. Does generator only use a transporter who is properly registered with the department? (KAR 28-31-4(c)(2)) (Yes) No NA

Pre-Transport Requirements:	☒ Adequate	☐ Inadequate	☐ NA

Biennial Reports (GRR)

XIX. Has generator submitted a biennial report(s) to KDHE? (KAR 28-31-4(f)(2)) (Yes) No NA

A. If yes, does generator retain copies for three years? (KAR 28-31-4(f)(1)(B)) (Yes) No NA

(Note: compare quantities reported on last biennial report with the total quantity of all manifests for those years.)

Biennial Report Requirements:	☒ Adequate	☐ Inadequate

Special Conditions (GSC)

XX. Has generator received or transported any hazardous waste to or from a foreign source? (40 CFR Subpart E & F) (Yes) No

A. If yes, has generator filed a notice with the Secretary of Health and Environment? (Yes) No NA

B. Is waste manifested and signed by a foreign consignee? (Yes) No NA

C. If generator transports waste out of the country, has confirmation of delivered shipment been received? Yes No (NA)

Special Conditions Requirements:	☒ Adequate	☐ Inadequate	☐ NA

Storage Requirements (GPT)

XXI. Does generator temporarily store waste before transport? (Yes) No

A. For 90 days or less? (Yes) No NA

B. For more than 90 days? (Yes) No NA

C. If waste is stored in containers:

1. Are containers marked with the words: "Hazardous Waste"? (KAR 28-31-4(g)(3) or (h)(1)(D)) (Yes)* No NA
   *exception: 1 DM in shredder KF room marked Hazardous & non-Hazardous. -cited-
2. Is the accumulation start date marked on each container? (KAR 28-31-4(g)(2) or (h)(1)(C)) (Yes) No NA
3. Are all containers holding hazardous waste closed during storage except when necessary to add or remove waste? (KAR 28-31-4(g)(1) or (h)(1)(B)) (Yes) No NA
4. Does generator conduct weekly inspections of containers for signs of leakage and/or deterioration caused by corrosion or other factors? (KAR 28-31-4(k)) (Yes) No NA
   a. If yes, are these inspections documented in a log that includes date and time of inspection, full name of inspector, notations of observations, and date and nature of remedial actions? (KAR 28-31-4(k)/40 CFR 265.15(d)) (Yes) No NA

5. Are containers holding ignitible or reactive waste(s) located at least 15 meters (50 feet) from the facility's property line? (EPA Generator and T/S/D Only) (KAR 28-31-4(g)(1) / 40 CFR 265.176) — (Yes) No NA

6. If waste in containers is incompatible with other materials stored nearby, are the containers separated from the other materials by means of a dike, berm, wall, or other means? (KAR 28-31-4(g)(1) or (h)(1)(B) / 40 CFR 265.177) — (Yes)* No NA

7. Does generator have any satellite storage areas? (KAR 28-31-4(j)) — (Yes) No NA

If yes,

a. Is the waste stored in a container at or near the point of generation and under the control of the operator of the process generating the waste? — (Yes) No
b. Is the container in good condition and closed except to add or remove waste? — (Yes) No
c. Is the container marked with the words: "Hazardous Waste"? — (Yes) No
d. Is the container marked with the accumulation start date at the time it becomes full? — (Yes) No
e. Is the full container moved to the storage area within three days after it became full? — (Yes) No

(If waste(s) is placed in tanks, piles, or surface impoundments, complete the appropriate inspection checklist.)

*Exception: DMSO of basics & acids stored side by side in corrosives bldg. Note: facility tests pH & stores accordingly. [redacted] cited.

Storage Requirements:	☑ Adequate	☐ Inadequate	☐ NA

Kansas Generator's Emergency Preparedness (GSQ)

XXII. Has facility named one employee as emergency coordinator? (KAR 28-31-4(h)(1)(E)) — Yes No

A. Is the emergency coordinator available to respond to an emergency by reaching the facility within a short period of time? — Yes No

B. Is the emergency coordinator or his/her designee prepared to respond to any emergencies (fires, spills, or releases) that arise? — Yes No

C. Is the emergency coodinator familiar with the reporting requirements of KAR 28-31-4(h)(2)? — Yes No

XXIII. Is the following information posted next to at least one telephone which is immediately assessable in an emergency? (KAR 28-31-4(h)(1)(F))

A. Name and telephone of emergency coordinator? — Yes No

B. Location of fire extinguishers, fire alarms, or spill control material, if available? — Yes No

C. Telephone number of fire department unless the facility has a direct alarm? — Yes No NA

XXIV. Have employees been trained so that they are familiar with proper waste handling and emergency procedures that are relevant to their responsibilities during normal facility operations? (KAR 28-31-4(h)(1)(G)) — Yes No

A. Is this training documented in any way? — Yes No

Kansas Generator's Emergency Preparedness Requirements :	☐ Adequate	☐ Inadequate	☑ NA

(If Kansas generator, stop here.)

Preparedness and Prevention (GPT)

XXV. If appropriate, based upon the nature and quantity of waste(s) generated and stored at the facility, is the facility equipped with:

A. Internal communication or alarm system easily accessable in case of emergency? (KAR 28-31-4(g)(4)/40 CFR 265.32(a)) — (Yes) No NA

B. Telephone or hand-held two-way radio capable of summoning emergency response personnel? (KAR 28-31-4(g)(4)/40 CFR 265.32(b)) — (Yes) No NA

C. Portable fire extinguisher, fire control equipment, spill control equipment, and decontamination equipment? (KAR 28-31-4(g)(4)/40 CFR 265.32(c)) — (Yes) No NA

D. Is water of adequate volume provided for hose streams, foam producing equipment, sprinklers, etc.? (KAR 28-31-4(g)(4)/40 CFR 265.32(d)) — Yes (No) NA

E. Is this equipment (A-C above) tested and maintained to ensure its proper operation? (KAR 28-31-4(g)(4)/40 CFR 265.33) — (Yes) No NA

XXVI. Does a check of the facility show sufficient aisle space to allow unobstructed movement of personnel and equipment? (KAR 28-31-4(g)(4)/40 CFR 265.35) — (Yes) No NA

XXVII. If appropriate for the type(s) of waste handled, has the owner/operator made the following arrangements:

A. Familiarized the local emergency authorities with the facility, waste(s) handled, entrances and exits? (KAR 28-31-4(g)(4)/40 CFR 265.37(a)(1)) — (Yes) No NA

B. Designated one authority where one or more police or fire departments might respond to an emergency? (KAR 28-31-4(g)(4)/40 CFR 265.37(a)(2)) — (Yes) No NA

C. Made agreements with local emergency response teams, emergency response contractors, and equipment suppliers? (KAR 28-31-4(g)(4)/40 CFR 265.37(a)(3)) — (Yes) No NA

D. Familiarized local hospitals with the properties of hazardous waste(s) handled and types of injuries which could result from fires, explosions, or releases at the facility? (KAR 28-31-4(g)(4)/40 CFR 265.37(a)(4)) — (Yes) No NA

XXVIII. In cases where local authorities decline to enter into such arrangements, is the refusal entered in the operating record? (KAR 28-31-4(g)(4)/40 CFR 265.37(b)) — Yes No (NA)

Preparedness and Prevention Requirements: ☒ Adequate ☐ Inadequate ☐ NA

Personnel Training (GPT)

XXIX. Has the owner/operator established a hazardous waste management training program? (KAR 28-31-4(g)(4)/40 CFR 265.16) — (Yes) No

A. Is the program directed by a person trained in hazardous waste management? (40 CFR 265.16(a)(2)) — (Yes) No

B. Are new personnel trained within six months after their employment? (40 CFR 265.16(b)) — (Yes) No

C. Are new employees supervised until training is completed? (40 CFR 265.16(b)) — (Yes) No

D. After initial training, are employees trained on an annual basis? (40 CFR 265.16(c)) — (Yes)* No

E. Does the facility maintain the following documents and records:

1. Job title and job description for each position related to hazardous waste management? (40 CFR 265.16(d)(1)&(2)) — (Yes) No
2. Description of type and amount of training to be given each person? (40 CFR 265.16(d)(3)) — (Yes) No
3. Records of training given to facility personnel? (40 CFR 265.16(d)(4)) — (Yes) No

* annual training needs to be improved to review all topics covered in initial training. cited

Personnel Training Requirements: ☒ Adequate ☐ Inadequate

Contingency Plan (GPT)

XXX. Does the facility have a contingency plan? (KAR 28-31-4(g)(4)/40 CFR 265 Subpart D) (Yes) No

If yes,

A. Does the plan list the name(s), home address, and phone number of designated emergency coordinator(s) in the order in which they should be contacted? (40 CFR 265.52(d)) (Yes) No

B. Is an emergency coordinator available at all times? (40 CFR 265.55) (Yes) No

C. Does the plan describe emergency actions facility personnel must take to respond to fires, explosions, or releases of hazardous waste?(40 CFR 265.52(a)) (Yes) No

D. Does the plan describe arrangements made with emergency response agencies? (40 CFR 265.52(c)) (Yes) No

E. Does the plan include a list of all emergency equipment at the facility, its location, a physical description of each item on the list, and a brief outline of its capabilities? (40 CFR 265.52(e)) (Yes) No

F. Does the plan include an evacuation plan for facility personnel that describes signals and evacuation routes? (40 CFR 265.52(f)) (Yes) No

G. Have copies of the plan been provided to outside emergency response agencies and hospitals? (40 CFR 265.53) (Yes) No

Contingency Plan Requirements:	☒ Adequate	☐ Inadequate

(If EPA generator, stop here.)

Transporter Requirements (TRR)

XXXI. Does this facility transport hazardous waste? transports as USPCI (HRI parent co.) (Yes) No

If yes,

A. Are they registered as a hazardous waste transporter in the state of Kansas? (KAR 28-31-6 (b)) (Yes) No

B. Does transporter comply with the manifest requirements of 40 CFR Part 263.20 except 263.20(h)? (Yes) No

C. Does transporter retain a copy of the manifest for three years? (40 CFR 263.22(a)) (Yes) No

D. Does this facility transport hazardous waste subject to the manifest exemption of KAR 28-31-4(d)(7)? (Yes) No

If yes,

1. Does the transporter record the name, address, and EPA ID Number of the generator; quantity of waste shipped; DOT shipping information; and the date the waste was accepted in a log or shipping paper? (Yes) No
2. Does the transporter carry this record when transporting the waste to the reclamation facility? (Yes) No
3. Does the transporter retain these records for a period of three years after the termination or expiration of the agreement? (Yes) No

Transporter Requirements:	☒ Adequate	☐ Inadequate	☐ NA

Additional Information and Conclusions:

ADDITIONAL COMMENTS

Hydrocarbon Recyclers, Inc., CEI
February 8, 1994

---

1). Pictures #1 & #2 were taken in the corrosives storage room. Drums labeled "(sodium hydroxide)" and "waste hydrochloric acid" were stored immediately next to each other. HRI management contends that their waste receiving procedure guards against incompatibles being stored next to each other by a confirming pH check of every drum. In this case, the materials may have been labeled as such, but the pH may have been compatible. HRI does have such a policy.

2). Pictures #3 & #4 were taken in the KF Shredder building. The pictures are of a drum labelled both hazardous and non-hazardous waste. A waste placed in this room is destined for disposal as a hazardous waste.

3). A review of the agenda for the "annual review" of training showed the review to not be for <u>all</u> topics covered in the initial training as specified in 40 CFR 265.16(c). In addition, the Part B application should include these topics in the training portion.

4). A review of the weekly inspection logs revealed one repair which was apparently noted, but subsequent logs did not make note of what actually was done to effect repairs.

5). Outgoing manifest number 03283 was changed by an officer of HRI but the change was not "initialed" not was the reason for the change noted in the "discrepancy" section of the document.

The waste analysis plan was not reviewed during this inspection. A hint from the JOI EPA inspector was to review the activity for codes that are <u>not</u> part of the plan as opposed to trying to discover all of the codes which are a part of the plan--a tedious process. The next inspection should include this approach.

Other comments and concerns include the waste determination for the scrap metal generated from the on-site washing of the metal. HRI uses this approved process to de-contaminate bulky metal pieces so as to allow the parts to be reclaimed instead of shipping them to a hazardous waste landfill. This is viewed as waste minimization.

A number of the incoming manifests display an emergency response telephone number from a local business that transports hazardous wastes. Radium Petroleum has been notified and is researching their responsibilities related to providing emergency help.

The new "J" building is still not operational.

HRI-notes 9am 2-8-94

(1) Check out facility - prior to entry
- look for unusual .... new area!

(2) Intro's.

(3) Pre-inspection mtg.
a) present official I.D.
b) state purpose of visit. (JOI?) (CEI)
c) discuss off-site insp.
d) no sampling planned
e) purpose of EPA inspector
f) will require exit interview
g) confidential business info CBI.
h) any copies made - (receipt)
any pics - doubles
samples - splits.

(4) Agenda - 1
a) morning will be plant tour including process flow considerations.

Weeklies logs

Daily logs (tanks)

w/ mark minimum EPA.

(9) Closure/Post Closure okay

(10) Financial Assurance day

(11) Check - lists

(12) - Biennial - wait + being copied
have applied for extension.

(7a) Weekly Logs / Dailies on Tanks
(7b) Manifest / LDR review

interchange

TANK reqm'ts (see checklist)

Tank 15C in D400 - back in service
(leaking) recertification in place
not yet in use.

Waste Minimization effort
Shredder - granular - transforms sol[illegible] to fuel s[illegible]
Dispose of debris P.P.E., pallets,
Corn Cobs for waste minimization
cost

New Unit - Bldg (East).
review process
not in use yet - based on need
before next inspection.

scrap metal now not haz waste.

Paperwork review
a) Personnel training records
annual update not as any[illegible]
- is more a "confined space entry type training - [illegible]
replace [illegible]
b) Contingency Plan - update
update

c) computer run-off of track for totals

No changes in tank use

Waste Debris is marked H.W. -
when does it become.

Creosote Wastewater - from wood preserve process.

C720 1-55 wet on bottom

W. J. SMITH WOOD Preserve
1700 W moon MDN.
Denison TX. 60130

C728-730

4 boxes; is it or is it not.

debris 8-24-93
Process area - grating
Certified - David Shimp, Engineer.

Salvage DM condition? concern

Document - Mercury waste company

MDN - 03283 was changed on doc.
originally 03282
1-21-94 needs to be initialed.

MDN - 3301
00
3299

LDR w/ MDN 03299 to Heartland Cement.

not signed per SOP.

Wichita

Shredder KF oil contam filter
D - North Storage

1 DM marked HW / NHW

New Bldg not in use.

DMS ACIDS / BASES STORED NEXT EACH OTHER

Lab - closed container?
lab accum drum
- suggest locking
[illegible]
at [illegible]

28-31-?

Annual refresher course must mirror initial
does not contain all elements of initial training.

Shredder KF DM marked both HW & NHW.

DMS Acids & Base stored next to each other

MDN 03283 changed - not init

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

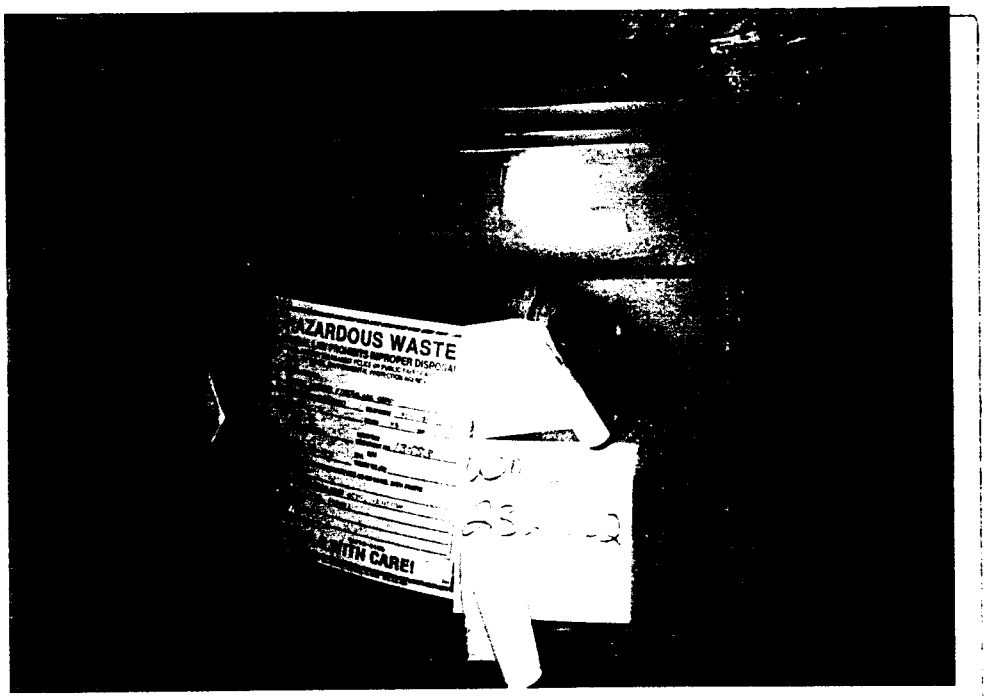
Bureau of District Operations - Southcentral District Office

Additional Information for Inspection/Investigation
Photo Mounting Sheet

Facility/Site Hydro [illegible] Inc EPA Iden. KSD [illegible]

City Wichita County Sedgwick Legal Desc.

Picture Number #1
Time/Date 11 a.m.
Direction Faced n/a indoors
Weather Conditions n/a
Camera 35mm Minolta Freedom II
Comments
" "
Base Compound Stored beside "Acid" compound
Label reads "waste hydrochloric acid"



Picture Number #2
Time/Date 11 a.m.
Direction Faced n/a
Weather Conditions n/a
Camera Same
Comments
ref pic #1
Label reads "Cadmium (cyanide)"

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

Bureau of District Operations - Southcentral District Office

Additional Information for Inspection/Investigation
Photo Mounting Sheet

Facility/Site Hydrocarbon [illegible] EPA Iden. [illegible]

City Wichita County [illegible] Legal Desc. _____

Picture Number #3
Time/Date 11:30 am
Direction Faced n/a indoors
Weather Conditions n/a
Camera same
Comments
Drum marked both "Hazardous Waste" & "Non-hazardous Waste"

Picture Number #4
Time/Date "
Direction Faced "
Weather Conditions "
Camera "
Comments
ref pic #3.

Kansas Department of Health and Environment
Bureau of Waste Management
Forbes Field, Topeka, Kansas 66620-0001 (913) 862-9360

RCRA Compliance Inspection Report
T/S/D Facilities Checklist
40 CFR Part 265—Interim Status Standards

General

Time 9:00 a.m. Date 8 Feb 94

Facility Name Hydrocarbon Recyclers, Inc. (HRI) EPA ID No. KSD 007 246 846

Street 2549 North New York City Wichita, Kansas Zip 67219

Mailing Address (if different than above) n/a

County Sedgwick Phone (316) 268-7500

Contact(s) Steve Keiter, Facility Manager Beth Montgomery, Lab Mgr
Ron Robertson, Safety & Compliance Officer Cary Mans, Plt Engr.

Inspector(s) Gil Perez, KDHE, Wichita Dedriel Newsome, EPA, KC, KS

Other

Activity at Site

Treatment

- ☐ Chem/Phys/ Bio Treatment
- ☐ Filtration
- ☐ Reprocessing
- ☐ Waste Oil
- ☐ Incineration
- ☐ Solvent Recovery
- ☐ Recycling, Recovery
- ☐ Thermal Treatment
- ☐ Volume Reduction
- ☒ Other: Kiln Fuel Blending

Storage

- ☒ Drums
- ☐ Tank, below ground
- ☐ Pile
- ☐ Other:
- ☐ Surface Impoundment
- ☒ Tank, above ground

Disposal

- ☐ Incineration
- ☐ Other:
- ☐ Landfill
- ☐ Land Treatment
- ☐ Surface Impoundment

Comments HRI is an interim status TSDF specializing in kiln fuel blending. Permit application has been reviewed by KDHE and is now being reviewed by EPA. Permit application should go on public notice soon. Status of permit should be checked prior to next inspection.

Permits Section Contact (KDHE) – Steve Brostawick (913) 296-1609

Waste Analysis Plan (DGS)

I. Does facility maintain a copy of its waste analysis plan at the facility? (265.13(b)) (Yes) No

A. If yes, does the plan include:

1. Parameters for which each hazardous waste will by analyzed and rationale for the selection of these parameters? (265.13(b)(1)) (Yes) No
2. Test methods which are used to test for these parameters? (265.13(b)(2)) (Yes) No
3. Sampling method used to obtain sample? (265.13(b)(3)) (Yes) No
4. Frequency with which the initial analysis will be reviewed or repeated to ensure the analysis is current? (265.13(b)(4)) (Yes) No
5. For off-site facilities, the waste analyses that generators have agreed to supply? (265.13(b)(5)) (Yes) No NA
6. For off-site facilities, the procedures which are used to inspect and analyze each movement of hazardous waste received to ensure that it matches the identity of the waste designated on the manifest? (265.13(b)(6)) (Yes) No NA

info from previous inspection

Waste Analysis Plan Requirements: ☒ Adequate ☐ Inadequate

Security (DGS)

II. Does the facility provide either of the following:

A. A 24-hour surveillance system (TV monitoring or guards)? (265.14(b)(1)) Yes (No)

B. An artificial or natural barrier (fence, fence and cliff combination) and a means to control entry (attendant, TV monitoring, locked entrance, controlled roadway access)? (265.14(b)(2)) (Yes) No

III. Does the facility provide warning signs at entrances? (265.14(c)) (Yes) No

IV. Does the facility consider itself exempt from security requirements? (265.14(a)(1)(2)) Yes (No)

Security requirements: ☒ Adequate ☐ Inadequate ☐ NA

General Inspection Requirements (DGS)

V. Does the owner/operator maintain a written schedule at the facility for inspecting: (265.15(b)(1)(2))

A. Monitoring equipment? (Yes) No

B. Safety and emergency equipment? (Yes) No

C. Security devices? (Yes) No

D. Operating and structural equipment? (Yes) No

VII. Does the inspection schedule identify the types of problems which are to be looked for during the inspections? (265.15(b)(3)) (Yes) No

VIII. Does the owner/operator maintain an inspection log? (265.15(d)) (Yes) No

A. If yes, does the log contain the:

1. Date and time of inspection? (Yes) No
2. Name of inspector? (Yes) No
3. Notation of observations? (Yes) No
4. Date and nature of repairs or remedial action? * (Yes) No

* exception: repairs not noted on one incident per reqmts cited

Inspection Requirements ☒ Adequate ☐ Inadequate

Personnel Training (DGS)

IX. Does the owner/operator maintain at the facility the following documents and records: (265.16)

A. Job title and job description for each position related to hazardous waste management? (265.16(d)(1)(2)) — (Yes) No

B. Description of type and amount of training to be given each person? (265.16(d)(3)) — (Yes) No

C. Records of training given to facility personnel? (265.16(d)(4)) — (Yes) No

see generator checklist

Personnel Training Requirements: ☒ Adequate ☐ Inadequate

Requirements for Ignitable, Reactive, or Incompatible Wastes (DGS)

X. Does the facility handle ignitable or reactive wastes? (265.17(a)) — (Yes) No

A. If yes, is the waste separated and confined from sources of ignition or reaction, sparks, spontaneous ignition, and radiant heat? — (Yes) No

XI. Are smoking and open flames confined to specially designated locations? (265.17(a)) — (Yes) No

XII. Are "No Smoking" signs posted in hazard areas? (265.17(a)) — (Yes) No

XIII. Does a check of these areas show any leakage or corrosion of containers? (265.17(b)(4)) — Yes (No)

XIV. Does a check of these areas show evidence of heat generation from interaction of incompatible wastes? (265.17(b)(1)) — Yes (No)

see generator checklist

Ignitable, reactive, or incompatible waste requirements: ☒ Adequate ☐ Inadequate ☐ NA

Preparedness and Prevention (DPP)

XV. Does an inspection of the facility show any evidence of fire, explosion, or contamination? (265.31) — Yes (No)

XVI. If applicable to the facility, is the facility equipped with:

A. Internal communication or alarm system easily accessible in case of emergency? (265.32(a)) — (Yes) No NA

B. Telephone or hand-held two-way radio capable of summoning emergency response personnel? (265.32(b)) — (Yes) No NA

XVII. Are portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment provided? (265.32(c)) — (Yes) No NA

XVIII. Is water of adequate volume provided for hose streams, foam producing equipment, sprinklers, etc.? (265.32(d)) — (Yes) No NA

XIX. Is the equipment (mentioned above) tested and maintained to ensure its proper operation? (265.33) — (Yes) No NA

XX. Does a check of the facility show sufficient aisle space to allow unobstructed movement of personnel and equipment? (265.35) — (Yes) No NA

XXI. If appropriate for the type(s) of waste handled, has the owner/operator made arrangements with the local emergency authorities to familiarize them with the layout of facility, properties of wastes handled and associated hazards, places where facility personnel normally work, entrances to roads inside the facility, and possible evacuation routes? (265.37(a)(1)) — (Yes) No NA

XXII. In areas where more than one police and fire department might respond, is there one designated authority? (265.37(a)(2)) — Yes / No / (NA)

XXIII. If appropriate for the type(s) of waste handled, does the owner/operator have agreements with state emergency response teams, emergency response contractors, and equipment suppliers? (265.37(a)(3)) — (Yes) / No / NA

XXIV. If appropriate for the type(s) of waste handled, has the owner/operator arranged to familiarize local hospitals with the properties of hazardous waste(s) handled and types of injuries that could result from fires, explosions, or releases at the facility? (265.37(a)(4)) — (Yes) / No / NA

XXV. In cases where state or local authorities decline to enter into such arrangements, is the refusal entered in the operating record? (265.37(b)) — Yes / No / (NA)

Preparedness and Prevention Requirements: ☒ Adequate ☐ Inadequate

Contingency Plan and Emergency Procedures (DCP)

XXVI. Is a contingency plan maintained at the facility and have copies been provided to outside agencies that may be called upon to provide emergency services? (265.53(a)(b)) — (Yes) / No

XXVII. Does the plan describe arrangements made with emergency response personnel? (265.52(c)) — (Yes) / No

XXVIII. Does the plan list the name(s), home address, and phone number of the designated emergency coordinator(s)? (265.52(d)) — (Yes) / No

XXVIX. Is an emergency coordinator available at all times? (265.55) — (Yes) / No

XXX. Does the plan include a list of all emergency equipment at the facility, its location, a physical description of each item on the list, and a brief outline of its capabilities? (265.52(e)) — (Yes) / No

XXXI. Does the plan include an evacuation plan for facility personnel? (265.52(f)) — (Yes) / No

Contingency Plan and Emergency Procedures Requirements: ☒ Adequate ☐ Inadequate

Manifest System, Recordkeeping, and Reporting (DMR)

XXXII. Does the facility receive waste from off-site? (265.71) — (Yes) / No

A. If yes, does the owner/operator sign and date each copy of the manifest and give a signed copy to the transporter? (265.71(a)(1-3)) — (Yes) / No / NA

B. Does the owner/operator send a signed copy of the manifest to the generator within 30 days of the delivery? (265.71(a)(4)) — (Yes) / No / NA

C. Does the owner/operator retain a copy of the manifest? (265.71(a)(5)) — (Yes) / No / NA

XXXIII. Does the facility receive any waste from a rail or water (bulk shipment) transporter? — Yes / (No)

A. If yes, is the shipment accompanied by a shipping paper containing the appropriate information? (265.71(b)) — Yes / No / (NA)

1. If yes, does the owner/operator sign and date the shipping paper and provide the transporter with a copy? (265.71(b)(1-3)) — Yes / No / (NA)
2. Does the owner/operator send a signed copy of the shipping paper to the generator within 30 days of the delivery? (265.71(b)(4)) — Yes / No / (NA)
3. Does the owner/operator retain a copy of the shipping paper? (265.71(b)(5)) — Yes / No / (NA)

XXXIV. Has the facility received any shipments of waste that were inconsistent with the manifest? (265.72) (Yes) No

A. If yes, was an attempt made to reconcile the discrepancy with the generator and transporter? (265.72(b)) (Yes) No NA

B. If no, was the Regional Administrator notified? (265.72(b)) Yes No (NA)

XXXV. Does the owner/operator keep a written operating record at the facility? (265.73(a)) (Yes) No

A. If yes, does the operating record include:

1. A description and the quantity of each hazardous waste received,and method(s) and date(s) of its treatment, storage, and disposal? (265.73(b)(1)) (Yes) No NA
2. The location of each hazardous waste within the facility and the quantity at each location? (265.73(b)(2)) (Yes) No NA
3. Records and result of waste analyses? (265.73(b)(3). (Yes) No NA
4. Reports and details of incidents requiring implementation of the contingency plan? (265.73(b)(4)) Yes No (NA)
5. Records and results of required inspections? (265.73(b)(5)) (Yes) No NA
6. Monitoring, testing, or analytical data? (265.73(b)(6)) (Yes) No NA
7. Closure cost estimates (and for disposal facilities, post-closure cost estimates)? (265.73(b)(7)) (Yes) No NA

XXXVI. Has the facility received any waste, which does not fall under the small generator exclusion, not accompanied by a manifest or shipping paper? (265.76) Yes (No)

A. If yes, was an unmanifested waste report submitted to the Regional Administrator? Yes No (NA)

Manifest System, Recordkeeping, and Reporting Requirements: ☒ Adequate ☐ Inadequate

Closure and Post-Closure (DCL)

XXXVII. Does the owner/operator have a written closure plan for the facility? (265.112(a)) (Yes) No

A. If yes, does the plan include:

1. A description of how and when the facility will be closed? (265.112(b)) (Yes) No
2. A description of the steps necessary to completely close the facility? (265.112(b)(2)) (Yes) No
3. An estimate of the maximum inventory of wastes in storage or in treatment at any given time during the facility life? (265.112(b)(3)) (Yes) No
4. A description of the steps needed to decontaminate facility equipment at the time of closure? (265.112(b)(4)) (Yes) No
5. An estimate of the expected year of closure and a schedule for final closure which includes the total time required to close the facility and the time required for intervening closure activities which allow tracking closure progress? (265.112(b)(5)(6) (Yes) No

XXXVIII. If the facility is a disposal facility, does the owner/operator have a written post-closure plan? (265.118(a)) Yes No (NA)

A. If yes, does the plan include:

1. Ground-water monitoring activities and frequencies at which they will be performed? (265.118(c)(1)) Yes No (NA)
2. Maintenance activities and frequencies at which they will be performed to ensure the integrity of the cap and containment structures where applicable, and the function of the monitoring equipment? (265.118(c)(2)) Yes No (NA)

3. The name, address, and phone number of the person or office to contact during the post-closure period (265.118(c)(3)) — Yes / No / NA

Closure and Post-closure Requirements: ☒ Adequate ☐ Inadequate

Financial Requirements (DFR)

XXXIX. Does the owner/operator have a written estimate of the closure cost? (265.142(a)) — Yes / No

XL. Has the owner/operator established financial assurance for facility closure and notified the Regional Administrator? (Required after 7-6-82) (265.143) — Yes / No

XLI. If the facility is a disposal facility, does the owner/operator have a written estimate of the annual cost of post-closure monitoring and maintenance of the facility? (265.144(a)) — Yes / No / NA

XLII. Has the owner/operator of the disposal facility established financial assurance for post-closure care and notified the Regional Administrator? (Required after 7-6-82) (265.145) — Yes / No / NA

XLIII. Has the owner/operator obtained liability insurance for sudden occurrences of at least $1 million with an aggregate of at least $2 million exclusive of legal defense costs? (Effective 7-15-82) (265.147(a)) — Yes / No

XLIV. If the facility is a disposal facility, has the owner/operator obtained liability insurance for nonsudden and accident occurrences of at least $3 million per occurrence with an annual aggregate of at least $6 million exclusive of legal defense costs? (Effective 7-15-82) (265.147(b)) — Yes / No / NA

Financial Requirements: ☒ Adequate ☐ Inadequate

Management of Containers DMC)

XLV. Are containers presently used to store hazardous waste? (265.170 — Yes / No

A. If no, do not complete questions XLVI through XLIX.

B. If yes, check the condition of containers for evidence of incompatibility of waste with containers. (265.171 and 265.172)

Condition of Containers: ☒ Adequate ☐ Inadequate ☐ NA

XLVI. Are all containers holding hazardous waste closed during storage except when necessary to add or remove waste? (265.173) — Yes / No / NA

XLVII. Does owner/operator inspect areas where containers are stored, at least weekly, for signs of leakage and/or deterioration caused by corrosion or other factors? (265.174) — Yes / No / NA

XLVIII. Are containers holding ignitible or reactive waste located at least 15 meters (50 feet) from the facility's property line? (265.176) — Yes / No / NA

XLIX. If waste in containers is incompatible with other materials stored nearby, in other containers, piles, open tanks, or surface impoundments, are the containers separated from the other materials by means of a dike, berm, wall, or other device? (265.177) — Yes* / No / NA

Management of Containers: ☒ Adequate ☐ Inadequate ☐ NA

exception: see generator checklist.

Note: Determine if owner/operator claims any information confidential.

Note: Fill out applicable checklists for specific facility types (i.e. tanks, surface impoundments, piles, land treatment, landfills, groundwater monitoring).

Additional Information and Conclusions

TANK 15C, which was placed out of service due to a leak, has been replaced and returned to service. Attached is a certification statement from Reiss & Goodness Engineers firm affirming the condition of the tank.

Near area of const. "Bldg J" is not yet operational.

Kansas Department of Health and Environment
Bureau of Waste Management
Forbes Field, Topeka, Kansas 66620
(913) 296-1600

Tank Inspection Checklist

Owner Information

Date 8 Feb 94 EPA I.D. No. KSD007246846

Facility Name Hydrocarbon Recyclers, Inc. (HRI)

Street 2549 North New York

City Wichita, Kansas Zip 67219

Tank Information

	Tank #1	Tank #2	Tank #3
Description:	*See attached "HW Storage Tank" logs.		
Capacity:			
Substance Stored:			
Waste Code:			
Location:			

Existing Tank System(s)

I. Is the tank(s) labeled with the words "Hazardous Waste"? (K.A.R. 28-31-4) (Yes) No

II. If the tank(s) is not covered, does it have at least 2 feet (60 cm) of freeboard unless equipped with a spill containment system with a capacity that equals or exceeds the volume that 2 feet of freeboard would provide? (40 CFR 265.192(c)) Yes No (NA)

III. Is the tank(s) equipped with a waste-feed cutoff or bypass system(s) as required by 40 CFR 265.192(b and d)? (Yes) No

IV. Are daily inspections made of all systems pertinent to the proper operation of the tank? (Yes) No

A Discharge and cutoff systems? (Yes) No NA

B. Tank level and freeboard? Yes No (NA)

C. Drainage systems? Yes No (NA)

D. Above-ground portions corrosion? (Yes) No NA

E. Monitoring and leak detection equipment? (Yes) No NA

F. Secondary containment? (Yes) No NA

V. Are these inspections documented in a log? (Yes) No

A. In the case of a permitted T/S/D facility, do they follow the inspection schedule outlined in their permit? Yes No (NA)

VI. Has the tank(s) been used to treat or store wastes substantially different from previous wastes or have substantially different treatment processes been used in the tank(s)? Yes (No)

A. If yes, were waste analyses and trial treatment or storage tests conducted prior to implementing the proposed changes and is all the data kept on file in the facility operating record or was written, documented information on similar storage or treatment process changes obtained prior to implementing the proposed changes and is all documentation kept on file in the facility operating record? Yes No (NA)

VII. With the exception of emergency situations, have ignitable or reactive wastes been placed in the tank(s) by the facility? (Yes) No NA

A. If yes, has the facility insured the safety of the operation by one or both of the following methods (40 CFR 265.98)?

1. Was the waste treated immediately before or after being placed in the tank(s) so that it is no longer ignitable or reactive and such treatment is done in compliance with the safety requirements of 40 CFR 265.15(b)? Yes (No) NA

2. Was the waste stored or treated under protected conditions eliminating the possibility of ignition or reaction? (Yes) No NA

VIII. If a covered tank(s) is used to treat or store ignitable or reactive wastes, does the facility meet the NFPA buffer zone requirements? (40 CFR 265.198(b)) (Yes) No NA

IX. If incompatible waste materials are placed in the same tank(s) or are put in a contaminated tank(s), is this done under completely controlled and safe conditions as specified in 40 CFR 265.199? Yes No (NA)

X. If the tank(s) has cathodic protection systems, is it inspected according to the following schedule (40 CFR 265.195(b))? Yes No (NA)

A. Was proper operation confirmed within 6 months of installation and annually thereafter? Yes No (NA)

B. Are induced current sources inspected/tested at least bimonthly? Yes No (NA)

C. Are records maintained of these inspections? (Yes) No (NA)

XI. Was the tank(s) used for the management of hazardous waste prior to July 14, 1986? (Yes) No NA

A. If yes, does the tank system(s) have secondary containment? (Yes) No (NA)

B. If no, has a written assessment that attests to the integrity of the tank(s) been prepared by an independent registered engineer? Yes No (NA)

If yes, did the assessment include the following:

1. Design standards according to which the tank and ancillary equipment were constructed? (Yes) No

2. Existing corrosion protection measures? (Yes) No

3. Hazardous characteristics of the waste to be handled? (Yes) No

4. Documented age of the tank system (if available) or estimate of the age? (Yes) No

5. Results of a leak test, internal inspection, or other tank integrity examination? (If the results of this test show the tank to be leaking or unfit for use, the owner must implement 40 CFR 265.196.) (Yes) No

6. Is the leak test conducted annually by an independent, qualified, registered engineer? (40 CFR 265.193(i)(1) and (2)) (Yes) No

7. Are records of the assessment results maintained on file at the facility? (Yes) No

Schedule date when secondary containment is required per schedule in 40 CFR 265.193(a) (1 through 5). _____

Existing Tank System(s)	☑ Adequate	☐ Inadequate

New Tank System(s)

XII. Is the tank system(s) required to have secondary containment (new system or according to schedule in 40 CFR 265.193(a)(1 through 5)? (Yes) No

A. If yes, has the owner or operator requested a variance from the secondary containment? (40 CFR 265.193(g and h) Yes (No) NA

B. If yes, does the secondary containment meet the following minimum requirements? (40 CFR 265.193(b and c)

1. Constructed of or lined with materials compatible with the waste and of sufficient strength? (Yes) No NA

2. Placed on a structurally adequate foundation? (Yes) No NA

3. Provided with a leak detection system capable of detecting releases within 24 hours? (Yes) No NA

4. Adequately sloped or designed and operated to drain and remove liquids from leaks, spills or precipitation? (Yes) No NA

C. If yes, does the secondary containment include one of the following: (40 CFR 265-193(d))

1. External liner? Yes (No) NA

2. Vault? (Yes) No NA

3. Double-walled tank? Yes (No) NA

4. Equivalent device approved by the Secretary? Yes (No) NA

D. If yes, does the secondary containment satisfy the following requirements: (40 CFR 265.193(e)) ◯

For External Lines and Vaults

1.	Adequate capacity to contain 100% of the largest tank within its boundary?	(Yes)	No	NA
2.	Designed or operated to prevent infiltration of precipitation into the containment system unless it has adequate capacity to contain a 25 year, 24 hour rain event?	(Yes)	No	NA
3.	Free of cracks or gaps?	(Yes)	No	NA
4.	Completely surrounds the tank and surrounding earth likely to be exposed to waste if a release occurs?	(Yes)	No	NA

For Vaults

1.	Constructed with chemical-resistant water stops at all joints?	(Yes)	No	NA
2.	Provided with an impermeable coating or lining over the concrete?	(Yes)	No	NA
3.	Protected against vapor ignition, if required due to the waste characteristics?	(Yes)	No	NA
4.	Provided with an exterior moisture barrier?	(Yes)	No	NA

For Double-Walled Tanks

1.	Designed as an integral structure for containment of releases?	Yes	No	(NA)
2.	If metal, is it protected from corrosion, if metal?	Yes	No	(NA)
3.	Provided with a built-in continous leak detection system capable of detecting releases within 24 hours?	Yes	No	(NA)

XIII.	Is ancillary equipment provided with adequate secondary containment? (40 CFR 265-193(f))	(Yes)	No	NA
XIV.	Has the tank system or secondary containment system had a leak or spill or was it determined to be unfit for use?	(Yes)	No	NA
A.	If yes, was it immediately removed from service and appropriate follow-up actions taken as required by 40 CFR 265.196 (b through e)?	(Yes)	No	NA
XV.	If extensive repair has been conducted on the tank system was it recertified in accordance with 40 CFR 270.11(d) and such certification submitted to the Secretary within 7 days? (40 CFR 265.196(f))	(Yes)	No	NA

New Tank System Requirements	☑ Adequate	☐ Inadequate

Comments: TANK 15C has been repaired. Tank re-certification is attached.

4.29

LOGBOOK

TANK OPENING

TANK	INCH	GAL.
V-1	Ø	
V-2	218	313
V-3	146	2490
V-4	Ø	
V-5	137	11099
V-6	199	7433
V-7	61	5153
V-8	99	4276
V-9	Ø	
V-10		
V-11		
V-12		
V-13	Ø	
V-14	15	4381
V-15A	Ø	
V-15B		
V-15C		
V-15D	Ø	
V-16	75	1419

TANK CLOSING

TANK	INCH	GAL.
V-1		
V-2		
V-3	6	6877
V-4	58	5247
V-5	172	8632
V-6	198	6799
V-7		
V-8		
V-9		
V-10		
V-11		
V-12		
V-13		
V-14		
V-15A		
V-15B		
V-15C		
V-15D		
V-16		

DATE: 2-7-94

SHIFT: 1st

INITIALS: J.S

KEY BOX: O.K

TIME: 5:47

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-3	146	2490	1222	431	03315		2-7-94	TO: Summit
Close		185	1268						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-5	137	11099	2467	431	03315		2-7-94	TO: Summit
Close		172	8632						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-6	189	7433	634	431	03315		2-7-94	TO: Summit
Close		198	6799						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-3	185	1268	5609	441	00461	94-120A	2-7-94	From: Syntex
Close		6	6877						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-4	Ø	Ø	5247	437	00462	94-121A	2-7-94	From Syntex
Close		58	5247						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

LOGBOOK

TANK OPENING

TANK	INCH	GAL.
V-1		Ø
V-2	218	313
V-3	6	6877
V-4	58	5247
V-5	172	8632
V-6	198	6799
V-7	61	5153
V-8	89	4226
V-9		Ø
V-10		
V-11		
V-12		
V-13		Ø
V-14	15	4381
V-15A		
V-15B		
V-15C		
V-15D		
V-16	75	1418

TANK CLOSING

TANK	INCH	GAL.
V-1		
V-2		
V-3		
V-4		
V-5		
V-6	267	1934
V-7		
V-8		
V-9		
V-10		
V-11		
V-12		
V-13		
V-14		
V-15A		
V-15B		
V-15C		
V-15D		
V-16		

DATE: 2-~~8~~7-94

SHIFT: 2nd

INITIALS: DA

KEY BOX:

TIME: 6:30pm

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open	V-6	198	6799	4865	431	03310		2-8-94	To systech
Close		267	1934						

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

LOGBOOK

TANK OPENING

TANK	INCH	GAL.
V-1		0
V-2	218	313
V-3	8	6814
V-4	59	5216
V-5	174	8491
V-6	266	2005
V-7	61	5153
V-8	89	4276
V-9		0
V-10		
V-11		
V-12		
V-13		0
V-14	15	4381
V-15A		0
V-15B		
V-15C		
V-15D		0
V-16	75	1118

TANK CLOSING

TANK	INCH	GAL.
V-1		
V-2		
V-3		
V-4		
V-5		
V-6		
V-7		
V-8		
V-9		
V-10		
V-11		
V-12		
V-13		
V-14		
V-15A		
V-15B		
V-15C		
V-15D		
V-16		

DATE: 2-8-94

SHIFT: 1st

INITIALS: PH

KEY BOX: OK

TIME: 5:15 AM

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

	Tank	Inch	Gal.	Tot Gal	TT#	Manifest	Job ID#	Date Shp/Rc	Comments
Open									
Close									

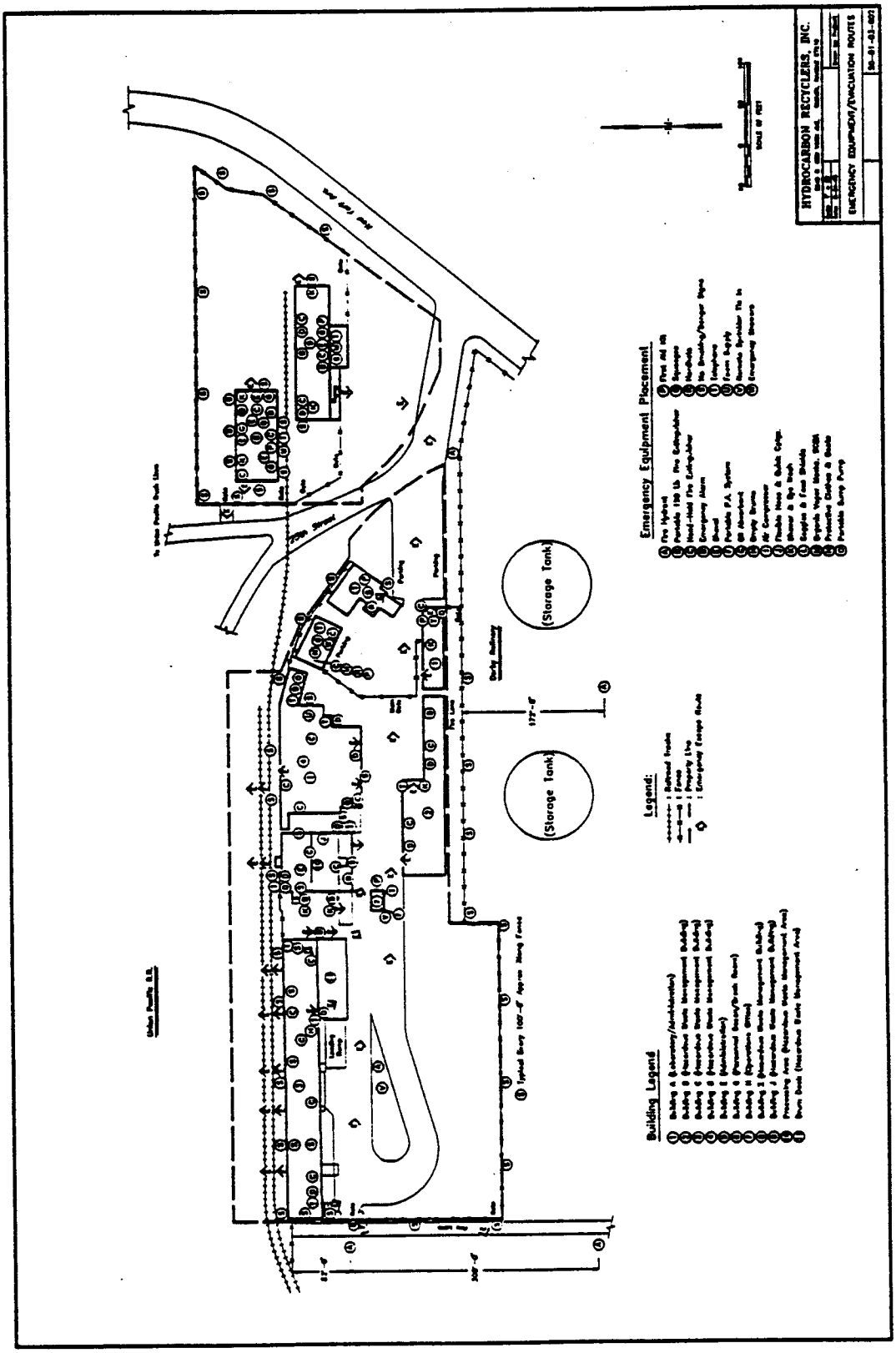


Figure H.1. Emergency Equipment/Evacuation Routes

REISS & GOODNESS ENGINEERS
2100 WEST 21ST STREET - WICHITA, KANSAS 67203-2181 (316) 832-0213

CERTIFICATION - ABOVE GROUND TANK SYSTEM

I, A.E. Reiss, a registered professional engineer in the State of Kansas, acting as an independent consultant for Hydrocarbon Recyclers, Inc., d/b/a/ USPCI, do hereby certify, attest, acclaim or otherwise make known to all persons with particular regards to the requirements of 40 CFR, Part 264.192 that:

1) That the tank system V-15c was repaired in August of 1993;

2) The foundation, structural support, seams, connections and pressure controls for the tank system V-15c have been adequately designed and the tank system V-15c has sufficient structural strength, is compatible with waste solvents and water and has adequate corrosion protection to ensure that it will not collapse, rupture, or fail during the expected life of the tank system;

3) That the tank system V-15c was inspected on August 26, 1993 for weld breaks, punctures, scrapes of protective coating, cracks, leaks, corrosion and any other structural damage or inadequacies of construction/installation and all discrepancies that were found have been corrected;

4) That the tank system V-15c was tightness tested while under the working pressure of 30 PSI on August 26, 1993 and it was found that such tank system tested positive for tightness;

5) That the associated ancillary equipment for tank V-15c was tightness tested while under the working pressure of 30 PSI on August 26, 1993 and it was found that such tank system tested positive for tightness; and

6) That all ancillary equipment associated with the tank system V-15c is properly supported and protected against physical damage and excessive stress due to settlement, vibration, expansion or contraction.

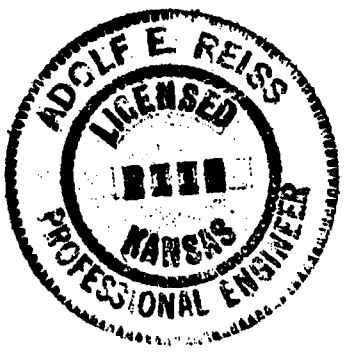
The design standards used to ensure that this tank system was properly designed and constructed were UL 245, ACI 323-89, UBC 1991.

I certify that, in my opinion as a registered professional engineer trained and experienced in the proper installation of the above tank system and components, that tank system and ancillary equipment has been properly installed, has sufficient structural integrity and is acceptable for the storage of 2,859 gallons of waste solvents and water.

I certify under penalty of law that this document and all attachments were prepared under my direction in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

August 27, 1993

A. E. REISS, P.E. #2119 KS



CONTAINER INVENTORY REPORT
Printed: 02/08/94

AREA	SCTN	JOB ID	CONTAINER ID	ACCEPTANCE	RECEIVED	CONT	TYPE	OK?	TREATMENT
B1	B101	930000542A	930000542A-001	WI93-1150	04/14/93	5	G DM	Y	MERCURY
		930000790F	930000790F-001	WI91-0560	06/16/93	5	G DF	Y	MERCURY
		930000795B	930000795B-001	WI93-2400	06/11/93	30	G DF	Y	MERCURY
		930000829B	930000829B-002	WI93-1586	06/24/93	20	G DM	Y	MERCURY
			930000829B-005	WI93-1586	06/24/93	20	G DM	Y	MERCURY
		930000829B1	930000829B-011	WI93-1586	06/24/93	20	G DM	Y	MERCURY
		930000829B2	930000829B-001	WI93-1586	06/24/93	20	G DM	Y	MERCURY
		930000919A	930000919A-002	WI93-3273	07/16/93	20	G DF	Y	MERCURY
		930001046H	930001046H-001	WI92-2388	08/24/93	5	G DF	Y	MERCURY
		930001146A	930001146A-002	WI90-1987	09/09/93	85	G DM	Y	MERCURY
		930001146A1	930001146A-001	WI90-1987	09/09/93	85	G DM	Y	MERCURY
		930001213S	930001213S-001	WI93-4647	10/11/93	20	G DF	Y	MERCURY
		930001231E1	930001231E-001	WI92-5044	10/15/93	5	G DM	Y	MERCURY
		930001285B	930001285B-001	WI93-4007	11/01/93	55	G DF	Y	MERCURY
		930001285C	930001285C-001	WI92-5044	11/01/93	5	G DM	Y	MERCURY
		930001285D	930001285D-001	WI93-4008	11/01/93	5	G DM	Y	MERCURY
		930001330A	930001330A-001	WI92-1980	11/11/93	1	G DF	Y	MERCURY
		930001368D	930001368D-001	WI93-4737	11/18/93	55	G DM	Y	MERCURY
			930001368D-002	WI93-4737	11/18/93	55	G DM	Y	MERCURY
		930001432D	930001432D-001	WI93-3640	12/07/93	30	G DF	Y	MERCURY
		930001446H	930001446H-001	WI93-5054	12/09/93	5	G DF	Y	MERCURY
						551	G		
		930001029A	930001029A-001	WI93-2516	08/10/93	20	P CF	Y	MERCURY
						20	P		
		930000829D	930000829D-001	WI93-1586	06/24/93	1	Y CW	Y	MERCURY
			930000829D-002	WI93-1586	06/24/93	1	Y CW	Y	MERCURY
			930000829D-003	WI93-1586	06/24/93	1	Y CW	Y	MERCURY
						3	Y		
	B102	930001517F	930001517F-001	WI92-5044	12/28/93		DM	Y	MERCURY
						0			
		930000595A	930000595A-001	WI93-1587	04/27/93	55	G DM	Y	MERCURY
		930000595B	930000595B-001	WI93-1586	04/27/93	55	G DM	Y	MERCURY
			930000595B-002	WI93-1586	04/27/93	55	G DM	Y	MERCURY
		930001085H	930001085H-001	WI93-4034	09/03/93	55	G DM	Y	MERCURY
		930001505B	930001505B-001	WI93-5175	12/21/93	10	G DM	Y	MERCURY
			930001505B-002	WI93-5175	12/21/93	10	G DM	Y	MERCURY
		930001505C	930001505C-001	WI93-5174	12/21/93	55	G DM	Y	MERCURY
		930001517D	930001517D-001	WI92-5044	12/28/93	55	G DM	Y	MERCURY
						350	G		
	B103	930001256B	930001256B-001	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-002	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-003	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-004	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-005	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-006	WI93-4008	09/22/93	55	G DM	Y	MERCURY
			930001256B-007	WI93-4008	09/22/93	55	G DM	Y	MERCURY
		940000052A	940000052A-001	WI90-1987	01/19/94	55	G DM	Y	MERCURY
			940000052A-002	WI90-1987	01/19/94	55	G DM	Y	MERCURY
			940000052A-003	WI90-1987	01/19/94	55	G DM	Y	MERCURY
		940000052B	940000052B-001	WI90-1987	01/19/94	5	G CM	Y	MERCURY
		940000056E	940000056E-001	WI92-5044	01/20/94	20	G DF	Y	MERCURY
			940000056E-002	WI92-5044	01/20/94	20	G DF	Y	MERCURY
		940000056F	940000056F-001	WI92-5044	01/20/94	5	G DM	Y	MERCURY
		940000056G	940000056G-001	WI92-5044	01/20/94	5	G DF	Y	MERCURY
		940000056H	940000056H-001	WI92-5044	01/20/94	5	G DM	Y	MERCURY
			940000056H-002	WI92-5044	01/20/94	5	G DM	Y	MERCURY
			940000056H-003	WI92-5044	01/20/94	5	G DM	Y	MERCURY

p.1 of 27 – display format
all pages retained at District Office

Hazardous Waste Compliance Monitoring and Enforcement Log

FORM A

LANDLER ID NUMBER: KSD007246846 | LDF ( ) TSF (X) GEN (X) KG ( ) SQ ( ) TRA ( ) | HWM ( ) HWB ( ) UOM ( ) UOB ( ) NOT A GEN ( )

LANDLER NAME: Hydrocarbon Recyclers, Inc. | AT NA CL 2/18/94 | FT 2/14/94 RCRIS 3/14/94

STREET: 2549 North New York CITY: Wichita 67219

EVALUATION New [X] Followup [ ] Delete [ ] 2-8-94

Date 94 02 08 Agency S Type CEI Reason 00 Person GCP District SC

Areas of Evaluation (EV - Evaluted, NE - Not Evaluated, NA - Not Applicable)

Generator				Transporter		Treatment/Storage/Disposal Facility								Other	
GER	EV	GPT	EV	TGR		DCH	EV	DGW		DMC	EV	DPP		CAS	
GGR	EV	GRR	EV	TMR		DCL	EV	DIN		DMR	EV	DSI		FEA	
GLB	EV	GSC		TOR		DCP	EV	DLB	EV	DOR		DTR		ILD	
GMR	EV	GSQ		TRR		DFR	EV	DLF		DOT		DTT		___	
GOR				TWD		DGS	EV	DLT	EV	DPB		DWP		___	

COMMENTS JOI inspection 94.

VIOLATION # 1

Link to: | New [X] Change [ ] Delete [ ] Comments [ ]

Agency S | Number [illegible] | Area GPT | Class 1 | Priority | Type SR

Regulation Citation: KAR 28-31-4(g)(1)

Date Determined: 02 08 94 (incomplete date)

Returned to Compliance: Scheduled: 03 08 94 | Actual:

VIOLATION # 2

Link to: | New [X] Change [ ] Delete [ ] Comments [ ]

Agency S | Number [illegible] | Area GGR | Class 2 | Priority | Type SR

Regulation Citation: KAR 28-31-4(b)

Date Determined: 02 08 94

Returned to Compliance: Scheduled: 03 08 94 | Actual: (does not handle)

VIOLATION # 3

Link to: | New [X] Change [ ] Delete [ ] Comments [ ]

Agency S | Number [illegible] | Area GPT | Class 2 | Priority | Type SR

Regulation Citation: KAR 28-31-4(g)(4)

Date Determined: 02 08 94

Returned to Compliance: Scheduled: 03 08 94 | Actual:

VIOLATION # 4

Link to: | New [X] Change [ ] Delete [ ] Comments [ ]

Agency S | Number [illegible] | Area GPT | Class 2 | Priority | Type SR

Regulation Citation: KAR 28-31-4(k)

Date Determined: 02 08 94

Returned to Compliance: Scheduled: 03 08 94 | Actual:

Hazardous Waste Compliance Monitoring and Enforcement Log

FORM B

ID Number: KSD007246846 Handler Name: Hydrocarbon Recyclers, Inc.

VIOLATION # 5

Link to:

New [X] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S		GMR	2		SR

Regulation Citation: KAR 28-31-4(d)

Date Determined: MM 12 DD 08 YY 94

Returned to Compliance — Scheduled: MM 03 DD 08 YY 94; Actual:

VIOLATION

Link to:

New [ ] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S					

Regulation Citation:

Date Determined: MM DD YY

Returned to Compliance — Scheduled: MM DD YY; Actual:

VIOLATION

Link to:

New [ ] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S					

Regulation Citation:

Date Determined: MM DD YY

Returned to Compliance — Scheduled: MM DD YY; Actual:

VIOLATION

Link to:

New [ ] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S					

Regulation Citation:

Date Determined: MM DD YY

Returned to Compliance — Scheduled: MM DD YY; Actual:

VIOLATION

Link to:

New [ ] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S					

Regulation Citation:

Date Determined: MM DD YY

Returned to Compliance — Scheduled: MM DD YY; Actual:

VIOLATION

Link to:

New [ ] Change [ ] Delete [ ] Comments [ ]

Agency	Number	Area	Class	Priority	Type
S					

Regulation Citation:

Date Determined: MM DD YY

Returned to Compliance — Scheduled: MM DD YY; Actual:

ENFORCEMENT

New [X] Change [ ] Delete [ ]

Date (YY MM DD): 94 02 08 Number: Agency: S Type: 120 District: SC Person: GLP

COVERED VIOLATIONS

Link to:

Agency	Violation Number	Area	Agency	Violation Number	Area	Agency	Violation Number	Area
S	1	GPT	S	5	GMR	S		
S	2	GGR	S			S		
S	3	GPT	S			S		
S	4	GPT	S			S		

Comments:

Rev. 7-91

NOTICE OF COMPLIANCE/NON-COMPLIANCE

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
Division of Environment
Waste Management Program

Hazardous Waste: Complaint( ) LDF( ) TSF(X) GEN(X) KG( ) SQ( ) TRA( ) UOM( ) UOB( ) NOT A GEN( )
Solid Waste: Complaint( ) SLF( ) TRF( ) ILF( ) CDL( ) HHW( ) OBS( ) UOS( ) WTT( ) WTP( ) WTM( ) YWC( ) MED( )

TO: HYDRO CARBON RECYCLERS INC. 2/8/94
Facility Name Date

2549 NORTH NEW YORK WICHITA KS 67219
Address City State Zip Code

KSD007246846
EPA Identification No.

Solid Waste Permit No.

This inspection was conducted to determine compliance with the state and federal solid and hazardous waste statutes and regulations.

[X] Violations As Follows [ ] No Violations Identified

Citation	Description of Violation
1) KAR 28-31-4(g)(4)(A)	(PIC) Drums labeled Basic Acids stored next to each other
2) KAR 28-31-4(g)(1)	(PIC) One Drum of Shredder Ff labeled both hazardous & non-haz waste
3) KAR 28-31-4(g)(1)(4)	Annual refresher training does not adequately address all initial training topics as specified in Part B (submitted) and per 40CFR 26[illegible]
4) KAR 28-31-4(k)	Inspection should note date/nature of repairs.
5) KAR 28-31-4(d)	Manifest Document Number 03282 was changed to
40CFR262 appendix	03283 D/O being initialled & information placed in Discrepancy Area of manifest.

[X] Other Comments/Concerns:
Need to determine when Waste Debris becomes "non hazardous" explain procedure
Many incoming manifest display emergency resp. no. as a local number specifically Radium Petroleum — must be 24 hr ava[illegible]

This notice is provided to call immediate attention to those areas of non-compliance. This notice does not constitute a compliance order issued by KDHE and may not be a complete listing of all violations which may be identified as a result of this inspection. Your facility must submit in writing within 30 days of receipt of this notice a description of all corrective actions taken and/or a schedule for completion of necessary corrective actions to be taken. Any corrective actions taken by your facility will be considered in subsequent enforcement follow-up.

Your response must be submitted to:
Kansas Department of Health and Environment
Bureau of District Operation
Waste Management Programs
1919 Amidon, Suite 130
Wichita, Kansas 67203-2118

If you have any questions concerning this Notice or wish to discuss your response, you may call me at (316) 838-1071 or Bureau of Waste Management in the Topeka Office at (913) 296-1604.

This Notice was prepared by

Gil Perez, BDO, Wichita

Date 2/8/94

I, the undersigned hereby acknowledge that I have received and read this Notice.

Printed Name: Stephen M. Keiter

Signature: Stephen M Keiter

Title: Facility Manager

Date: 2/8/94

COPIES: White-Facility; Yellow-Bureau of Waste Management; Blue-District

All redactions in this document to remove non-responsive information

FEB 16 1994

MEMORANDUM

SUBJECT: Transmittal of Inspection Report - RCRA

FROM: John W. Bosky
Chief, RCRA Monitoring Section, EMCM/ENSV

TO: Thomas F. Hogan
Chief, IRMS/PSBR/WSTM

This memorandum transmits the following RCRA joint compliance inspection report performed by the RCRA Monitoring Section, Environmental Monitoring and Compliance Branch, Environmental Services Division. The inspection was a Level I MMI. The primary media was RCRA and the secondary media was Title III.

Facility	EPA ID Number	Activity No.	Potential Areas of Non-Compliance
Hydrocarbon Recyclers, Inc. Wichita, KS	KSD007246846	ANF52	Training Incompatibles Containers Inspections Manifests

Attachments

DNewsome:dn 2/15/94

EMCM	EMCM	EMCM
2/15/94	2/15/94	JRH 2/15/94

REPORT OF JOINT RCRA OVERVIEW INSPECTION

AT

HYDROCARBON RECYCLERS, INCORPORATED
USPCI
2549 North New York
Wichita, Kansas 67219

EPA ID Number: KSD007246846

ON

February 8, 1994

BY

U.S. ENVIRONMENTAL PROTECTION AGENCY
Region VII
Environmental Services Division

INTRODUCTION

At the request of the Waste Management Division (WSTM), a joint RCRA overview inspection (JOI) was performed at USPCI - Hydrocarbon Recyclers, Inc. located in Wichita, KS, on February 8, 1994. This inspection was performed with KDHE as a means of evaluating the effectiveness, reliability and completeness of the state's inspection procedures in the administration and enforcement of their hazardous waste management program established pursuant to Section 3006 of the Resource Conservation and Recovery Act (RCRA), as amended. This report and attachments present the results of the inspection.

PARTICIPANTS

USPCI, Hydrocarbon Recyclers, Inc. (HRI):
Stephen Keiter, Facility Manager
Ronald Robertson, Facility Safety and Compliance Officer
Beth Justice, Lab Manager
Cary Mans, Production Manager

Kansas Department of Health and Environment (KDHE):
Gil Perez, Environmental Technician

U.S. Environmental Protection Agency (EPA):
Dedriel L. Newsome, Environmental Engineer

FACILITY DESCRIPTION

HRI collects hazardous waste from various generators. The waste is then either brokered, fuel blended or shipped off-site for incineration. The waste streams generated by HRI include

chlorinated solvents, tetrachloroethylene/debris, solvents/paints, oxidizers, corrosives, wastewater and others.

HRI submitted a revised Part A Hazardous Waste Permit Application on 12/20/93 as a treater and storer of hazardous waste. Their Part B is currently being reviewed.

INSPECTION FINDINGS AND CONCLUSIONS

1. The state inspector noted the following observations and apparent regulatory violations (More detail information on these violations may be obtained from the inspectors' report):

a. Failure to separate incompatible drums of hazardous waste (acids and bases).

b. Failure to properly label a drum of hazardous waste.

c. Failure to conduct adequate annual refresher training.

d. Failure to properly complete a manifest.

2. I noted the following observation and apparent regulatory violation:

1. I reviewed two facility inspection reports out of about 20 that did not note the date and nature of repairs that were conducted when a problem was observed. This is required by 265.15(d). The two inspection reports that noted problems for which no repair information was included were dated 11/23/93 and 8/23/93.

DISCUSSION OF INSPECTION

The following discussion and comments are provided as the basis for evaluating the performance of the state inspector during the inspection.

[redacted]

[redacted]

3. A Joint Oversight Inspection Checklist was completed during this inspect (see attachment 2):

Dedriel L. Newsome
Environmental Engineer
Date: 2/15/94
Activity No.: ANF52

John W. Bosky
Chief, RCRA Monitoring Section
Date: 3/15/94

Attachments

1. NOV
2. JOI Checklist (4 pages)

NOTICE OF COMPLIANCE/NON-COMPLIANCE

KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT
Division of Environment
Waste Management Program

Hazardous Waste: Complaint( ) LDF( ) TSF(X) GEN(X) KG( ) SQ( ) TRA( ) UOM( ) UOB( ) NOT A GEN( )
Solid Waste: Complaint( ) SLF( ) TRF( ) ILF( ) CDL( ) HHW( ) OBS( ) UOS( ) WTT( ) WTP( ) WTM( ) YWC( ) MED( )

TO: HYDROCARBON RECYCLERS, INC. (Facility Name) 2/8/94 (Date)

2549 NORTH NEW YORK (Address) WICHITA (City) KS (State) 67219 (Zip Code)

K	S	D	0	0	7	2	4	6	8	4	6

EPA Identification No.

Solid Waste Permit No.

This inspection was conducted to determine compliance with the state and federal solid and hazardous waste statutes and regulations.

[X] **Violations As Follows** [ ] **No Violations Identified**

Citation		Description of Violation
KAR 28-31-4(g)(1)	(PIC)	DMS Labeled Bases & Acids stored next to each other
KAR 28-31-4(b)	(PIC)	One Dm of Shredder KF labeled both hazardous & non-haz Waste.
KAR 28-31-4(g)(4)		Annual refresher training does not adequately address all intial training topics as specified in Part B (submitted) and per 40 CFR 265. 16(c)
KAR 28-31-4(k)		inspection should note date/nature of repairs.
KAR 28-31-4(d)		Manifest Document Number 03283 was changed to 03283 W/O being initialled & information placed
40 CFR 262 appendix		in "Discrepancy" Area of Manifest.

[X] **Other Comments/Concerns:**
Need to determine when Waste Debris becomes "non hazardous" explain procedure
Many incoming Manifest display emergency resp. no. as a local number specifically Radium Petroleum — must be 24 hr avail.

This notice is provided to call immediate attention to those areas of non-compliance. This notice does not constitute a compliance order issued by KDHE and may not be a complete listing of all violations which may be identified as a result of this inspection. **Your facility must submit in writing within 30 days of receipt of this notice a description of all corrective actions taken and/or a schedule for completion of necessary corrective actions to be taken.** Any corrective actions taken by your facility will be considered in subsequent enforcement follow-up.

Your response must be submitted to:

Kansas Department of Health and Environment
Bureau of District Operation
Waste Management Programs
1919 Amidon, Suite 130
Wichita, Kansas 67203-2118

If you have any questions concerning this Notice or wish to discuss your response, you may call me at (316) 838-1071 or Bureau of Waste Management in the Topeka Office at (913) 296-1604.

This Notice was prepared by

Gil Perez, BDO, Wichita

Date 2/8/94

I, the undersigned hereby acknowledge that I have received and read this Notice.

Printed Name: Stephen M. Keiter

Signature: Stephen M Keiter

Title: Facility Manager

Date: 2/8/94

COPIES: White-Facility; Yellow-Bureau of Waste Management; Blue-District

State of Kansas
Joan Finney, Governor

Department of Health and Environment
Robert C. Harder, Secretary

July 29, 1993

Reply to:

South Central District Office
1919 N. Amidon, Suite 130
Wichita, Kansas 67203
Phone: (316) 838-1071
Fax: (316) 838-0042

Mr. Steven M. Keiter
Facility Manager
Hydrocarbon Recyclers, Inc.
2549 North New York
Wichita, Kansas 67219

Re: Hazardous Waste Compliance Inspection
EPA Identification Number KSD007246846

Dear Mr. Keiter:

On June 30, 1993, your facility was inspected to determine compliance with state hazardous waste regulations. The inspection was also attended by Mr. Mark Bradbury, District Environmental Administrator, KDHE.

The inspection revealed that your facility generates the following hazardous wastes as defined by 40 CFR, Part 261, Subparts C & D as adopted by K.A.R. 28-31-3:

any changes

	Wastes Generated	Waste Codes
1.	Waste Chlorinated Solvents	F001, F002
2.	Waste Tetrachloroethylene/Debris	F002
3.	Waste Solvents/Paints mixtures	D001, F003, F005
4.	Waste - Nonblendable	D004 through D011
5.	Waste - Blendable (Kiln Fuel)	D001, F001, F002, F003, F005 D004 through D011, & U-Listed
6.	Waste Oxidizers - Class I & II	D001
7.	Waste Corrosives	D002, D007
8.	Waste Water (Characteristic Ignitable)	D001, D007, D008
9.	Contaminated Debris - sweepings, used sampling equipment, clothing, etc...	D001, D002, D007, F001, F006

Based on the information provided, the quantity of hazardous waste generated is more than 1000 kilograms (approximately 2200 pounds) per month. This facility is, therefore, considered an EPA generator and is regulated under K.A.R. 28-31-4, excluding K.A.R. 28-31-4(h) & (m). The facility is an interim status storage, treatment and/or disposal (T/S/D) facility and is regulated under 40 CFR, Part 265, as adopted by K.A.R. 28-31-8. The facility is also subject to the Land Disposal Restriction (LDR) regulations referenced in K.A.R. 28-31-14.

The inspection identified the following item not in compliance with state regulations concerning generators of hazardous waste:

need more additional training

Land Disposal Restriction (LDR) Notice. The LDR associated with Manifest #02877 dated April 13, 1993, did not display the manifest document number as required by 40 CFR 268.7, as referenced by K.A.R. 28-31-14.

This deficiency must be corrected by August 16, 1993. Please notify our Department, in writing, identifying the action you have taken to correct this deficiency.

Additional Comments

Correspondence dated October 9, 1992 from Mr. Ron Robertson, HRI Safety and Compliance Officer, indicates you do not consider HRI, Wichita, a "Marketer" of hazardous waste fuels as defined in 40 CFR, Part 266 and, therefore, not subject to the regulations contained in Part 266. From information gathered during the inspection, HRI is not a marketer. However, 40 CFR, Part 266.101 (Management prior to burning.) subjects HRI to standards related to storage "by intermediaries (processors, blenders, distributors, etc.) between the generator and the burner."

The inspection revealed HRI continues to store Mercury Wastes coded U151 and D009 because you are unable to find a suitable, permitted disposal facility. This issue must be resolved between HRI and the original generators of the waste mercury. Please update the Department as to the status of your efforts to resolve this issue.

Weekly inspection logs are required to have the date and time of inspection, name of inspector, notations of observations, and date and nature of remedial actions. (ref. 40 CFR 265.15(d)). Your multi-page logs have areas designated for "Name" of the inspector. Please instruct your employees who may occasionally be charged with completing the log to enter their full name and not to simply "initial" the subsequent pages. Or, re-format the logs to indicate inspector's "initials" are sufficient. Note: Changes to your weekly inspection forms will affect your Part B permit application. For questions regarding permits contact the Hazardous Waste Section, Bureau of Waste Management, Topeka, at (913) 296-1600.

Hazardous Waste Storage Tank 15C located in management unit D400 was placed out of service due to the discovery of a leak. When returning this tank to service, please refer to the procedure outlined in 40 CFR 265.197(f) for proper certification of the tank repair performed in accordance to 40 CFR 265.197(e), and send a copy of the certification to our Hazardous Waste Section, BWM, in Topeka.

The areas of new construction and expansion at the facility are scheduled for completion in September or October, 1993, according to Mr. Ron Robertson. Mr. Steve Broslavick of our Hazardous Waste Section in Topeka has asked that he be kept informed as to the progress in order that he may conduct a timely review of the improvements.

Thank you for your cooperation with the hazardous waste management program. If you have any questions regarding the inspection, call me at (316) 838-1071.

Respectfully,

Gilbert L. Perez
Environmental Technician
Waste Management Programs
Bureau of District Operations

GLP: HRIinsp.ltr

pc: John Mitchell, BWM, Topeka
Ron Smith, BWM, Topeka
SCD File

Zip

USPCI
A Subsidiary of
Union Pacific Corporation

20 December, 1993

Mr. Steve Broslavick
Hazardous Waste Section
Kansas Department of Health and Environment
Forbes Field, Building 740
Topeka, Kansas 66620-0002

RE: Hydrocarbon Recyclers, Inc. of Wichita, d/b/a USPCI (HRIW)
EPA ID No. KSD007246846
Revised Part A Permit Application

Dear Mr. Broslavick,

Enclosed your will find two copies of the revised HRIW Part A permit application forms. These forms differ from those dated December 10 only in that a telephone number on Page 1 of 7 has been revised, and the operator's name, on Page 2 of 7, has been corrected. The financial assurance letter of credit is issued to the facility operator, HRI of Wichita, and therefore is consistent with the requirements of 40 CFR 264.143. The signature page has been re-signed to reflect this most current submission.

Please discard the Part A forms from the December 10, 1993 submittal, replacing them with the forms included in this package. The attachments to the Part A do not change with this submission, and therefore are not included.

If you have any questions regarding this submittal, please contact Steve Keiter at (316) 268-7500.

Sincerely,

Robert Apple
Vice President - Operations

cc: Mark Matthews, U.S. EPA
Steve Keiter, HRIW
Liane Hetherington-Ward, USPCI

2549 N. New York • Wichita, Kansas 67219 • 316/268-7500

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved - OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-DT

For EPA Regional Use Only		For State Use Only
Date Received Month Day Year		

EPA

United States Environmental Protection Agency
Washington, DC 20460

Hazardous Waste Permit Application Part A

(Read the Instructions before starting)

I. ID Number(s)

A. EPA ID Number	B. Secondary ID Number *(if applicable)*
KSD007246846	

II. Name of Facility

HYDROCARBON RECYCLERS INC OF WICHITA

III. Facility Location *(Physical address not P.O. Box or Route Number)*

A. Street

2549 N NEW YORK

Street *(continued)*

City or Town	State	ZIP Code
WICHITA	KS	67219-

County Code *(if known)*	County Name
	SEDGWICK

B. Land Type	C. Geographic Location		D. Facility Existence Date
(enter code)	*LATITUDE (degrees, minutes, & seconds)*	*LONGITUDE (degrees, minutes, & seconds)*	Month Day Year
P	37 43 50 N	097 19 08 W	06 01 1979

IV. Facility Mailing Address

Street or P.O. Box

SAME

City or Town	State	ZIP Code
SAME		-

V. Facility Contact *(Person to be contacted regarding waste activities at facility)*

Name *(last)*	*(first)*
KEITER	STEVE

Job Title	Phone Number *(area code and number)*
FACILITY MGR	316-268-7500

VI. Facility Contact Address *(See instructions)*

A. Contact Address Location	A. Contact Address Mailing	B. Street or P.O. Box
X		

City or Town	State	ZIP Code
		-

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0246-EPA-OT

EPA I.D. Number *(enter from page 1)*: KSD007246846

Secondary ID Number *(enter from page 1)*:

VII. Operator Information *(see Instructions)*

Name of Operator: HYDROCARBON RECYCLERS INC OF WICHITA

Street or P.O. Box: 2549 N NEW YORK

City or Town: WICHITA

State: KS

ZIP Code: 67219-

Phone Number *(area code and number)*: 316-268-7500

B. Operator Type: P

C. Change of Operator Indicator: Yes [ ] No [X]

Date Changed: Month Day Year

VIII. Facility Owner *(see instructions)*

A. Name of Facility's Legal Owner: HYDROCARBON RECYCLERS INC

Street or P.O. Box: 515 W GREENS ROAD SUITE 500

City or Town: HOUSTON

State: TX

ZIP Code: 77067-

Phone Number *(area code and number)*: 713-775-7800

B. Owner Type: P

C. Change of Owner Indicator: Yes [X] No [ ]

Date Changed: Month 09 Day 24 Year 92

IX. SIC Codes *(4-digit, in order of significance)*

Primary		Secondary	
7389	(description) Solvents Recovery	4953	(description) Refuse Systems
Secondary		**Secondary**	
8734	(description) Testing Laboratory		(description)

X. Other Environmental Permits *(see instructions)*

A. Permit Type *(enter code)*	B. Permit Number	C. Description
E	332001611	Kansas Department of Health & Environment Air Emission Permit

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only.

Form Approved. OMB No. 2050-0034 Expires 12-31
GSA No. 0246-EPA

EPA I.D. Number (enter from page 1)

K	S	D	0	0	7	2	4	6	8	4	6

Secondary ID Number (enter from page 1)

XI. Nature of Business (provide a brief description)

HRI-Wichita blends solvents for beneficial use as cement kiln fuel and recovers dry cleaning solvents. HRI-Wichita also processes and/or channels waste solvents, solids and water to other EPA-approved facilities for distillation, beneficial reuse, or disposal.

HRI-Wichita also stores waste solvent, hydrocarbons, paint-related waste streams, solids, corrosive waste streams, and water-based waste streams.

XII. Process - Codes and Design Capacities

A. PROCESS CODE - *Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelve lines are provided for entering codes. If more lines are needed, attach a separate sheet of paper with the additional information. If a process will be used that is not included in the list of codes below, then describe the process (including its design capacity) in the space provided in Item XIII.*

B. PROCESS DESIGN CAPACITY - *For each code entered in column A, enter the capacity of the process.*

1. AMOUNT - *Enter the amount. In a case where design capacity is not applicable (such as in a closure/post-closure or enforcement action) enter the total amount of waste for that process unit.*
2. UNIT OF MEASURE - *For each amount entered in column B(1), enter the code from the list of unit measure codes below that describes the unit of measure used. Only the units of measure that are listed below should be used.*

C. PROCESS TOTAL NUMBER OF UNITS - *Enter the total number of units used with the corresponding process code.*

PROCESS CODE	PROCESS	APPROPRIATE UNITS OF MEASURE FOR PROCESS DESIGN CAPACITY
	DISPOSAL:	
D79	INJECTION WELL	GALLONS; LITERS; GALLONS PER DAY; OR LITERS PER DAY
D80	LANDFILL	ACRE-FEET OR HECTARE-METER
D81	LAND APPLICATION	ACRES OR HECTARES
D82	OCEAN DISPOSAL	GALLONS PER DAY OR LITERS PER DAY
D83	SURFACE IMPOUNDMENT	GALLONS OR LITERS
	STORAGE:	
S01	CONTAINER (barrel, drum, etc.)	GALLONS OR LITERS
S02	TANK	GALLONS OR LITERS
S03	WASTE PILE	CUBIC YARDS OR CUBIC METERS
S04	SURFACE IMPOUNDMENT	GALLONS OR LITERS
	TREATMENT:	
T01	TANK	GALLONS PER DAY OR LITERS PER DAY
T02	SURFACE IMPOUNDMENT	GALLONS PER DAY OR LITERS PER DAY
T03	INCINERATOR	SHORT TONS PER HOUR; METRIC TONS PER HOUR; GALLONS PER HOUR; LITERS PER HOUR; OR BTU'S PER HOUR
T04	OTHER TREATMENT (Use for physical, chemical, thermal or biological treatment processes not occurring in tanks, surface impoundment or incinerators. Describe the processes in the space provided in Item XIII.)	GALLONS PER DAY; LITERS PER DAY; POUNDS PER HOUR; SHORT TONS PER HOUR; KILOGRAMS PER HOUR; METRIC TONS PER DAY; METRIC TONS PER HOUR; OR SHORT TONS PER DAY

UNIT OF MEASURE	UNIT OF MEASURE CODE
GALLONS	G
GALLONS PER HOUR	E
GALLONS PER DAY	U
LITERS	L
LITERS PER HOUR	H
LITERS PER DAY	V
SHORT TONS PER HOUR	D
METRIC TONS PER HOUR	W
SHORT TONS PER DAY	N
METRIC TONS PER DAY	S
POUNDS PER HOUR	J
KILOGRAMS PER HOUR	R
CUBIC YARDS	Y
CUBIC METERS	C
ACRES	B
ACRE-FEET	A
HECTARES	Q
HECTARE-METER	F
BTU's PER HOUR	K

EPA I.D. Number *(enter from page 1)*: K S D 0 0 7 2 4 6 8 4 6

Secondary ID Number *(enter from page 1)*:

XII. Process – Codes and Design Capacities *(continued)*

EXAMPLE FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS	FOR OFFICIAL USE ONLY
X 1	S 0 2	600	G	0 0 2	
X 2	T 0 3	20	E	0 0 1	
1	S 0 1	325490	G	0 0 7	
2	S 0 2	137987	G	0 2 7	
3	T 0 4	14400	U	0 0 1	
4	T 0 4	20000	U	0 0 1	
5	T 0 4	10000	J	0 0 1	
6	T 0 4	10000	J	0 0 1	
7	T 0 4	250	N	0 0 7	
8	T 0 4	14400	U	0 0 1	
9	T 0 4	20000	U	0 0 1	
10	T 0 1	25000	U	0 2 1	
11					
12					

NOTE: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

XIII. Additional Treatment Processes *(follow instructions from Item XII)*

Line Number (enter numbers in sequence with Item XII)	A. PROCESS CODE	B. TREATMENT PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. TREATMENT PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
0 3	T 0 4	14400	U	0 0 1	Drier Unit evaporates liquids from sludges and solids, then recondenses vapor
0 4	T 0 4	20000	U	0 0 1	Drum Scraper unit enhances removal of viscous liquids and solids from containers using a mechanical scraper and impeller.
0 5	T 0 4	10000	J	0 0 1	Shredder Unit will break up dry cleaning cartridges to improve dry cleaning solvent removal and cartridge disposal. Will also do size reduction for other materials. Attached to carbon adsorption system.
0 6	T 0 4	10000	J	0 0 1	Granulator Unit will break up dry cleaning cartridges to improve dry cleaning solvent removal and cartridge disposal. Will also do size reduction for other materials. Attached to carbon adsorption system.

EPA I.D. Number *(enter from page 1)*: K S D 0 0 7 2 4 6 8 [redacted] 6

Secondary ID Number *(enter from page 1)*:

XII. Process - Codes and Design Capacities *(continued)*

EXAMPLE FOR COMPLETING ITEM XII (shown in line numbers X-1 and X-2 below): A facility has two storage tanks, one tank can hold 200 gallons and the other can hold 400 gallons. The facility also has an incinerator that can burn up to 20 gallons per hour.

Line Number	A. PROCESS CODE (from list above)	B. PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS	FOR OFFICIAL USE ONLY
X 1	S 0 2	600	G	0 0 2	
X 2	T 0 3	20	E	0 0 1	
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					

NOTE: If you need to list more than 12 process codes, attach an additional sheet(s) with the information in the same format as above. Number the lines sequentially, taking into account any lines that will be used for additional treatment processes in Item XIII.

XIII. Additional Treatment Processes *(follow instructions from Item XII)*

Line Number (enter numbers in sequence with Item XII)	A. PROCESS CODE	B. TREATMENT PROCESS DESIGN CAPACITY 1. AMOUNT (specify)	B. TREATMENT PROCESS DESIGN CAPACITY 2. UNIT OF MEASURE (enter code)	C. PROCESS TOTAL NUMBER OF UNITS	D. DESCRIPTION OF PROCESS
					Treatment in containers and container management activities as described in Addendum A. Process Total Number of Units corresponds to number of buildings in which these activities are conducted.
07	T 0 4	250	N	0 0 7	
08	T 0 4	14400	U	0 0 1	Drum Washing Unit removes waste residue from emptied drums.
09	T 0 4	20000	U	0 0 1	Dispersing Unit uses agitation to dissolve viscous liquids and solids removed from containers prior to pumping these materials to tanks.
	T 0 4				

EPA I.D. Number (enter from page 1)												Secondary ID Number (enter from page 1)											
K	S	D	0	0	7	2	4	6	8	4	6												

XIV. Description of Hazardous Wastes

A. EPA HAZARDOUS WASTE NUMBER - *Enter the four-digit number from 40 CFR, Part 261 Subpart D of each listed hazardous waste you will handle. For hazardous wastes which are not listed in 40 CFR, Part 261 Subpart D, enter the four-digit number(s) from 40 CFR, Part 261 Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.*

B. ESTIMATED ANNUAL QUANTITY - *For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quantity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant.*

C. UNIT OF MEASURE - *For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:*

ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	CODE
POUNDS	P	KILOGRAMS	K
TONS	T	METRIC TONS	M

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

1. **PROCESS CODES:**

For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate how the waste will be stored, treated, and/or disposed of at the facility.

For non-listed hazardous waste: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item XII A. on page 3 to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that processes that characteristic or toxic contaminant.

NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES. IF MORE ARE NEEDED:

1. *Enter the first two as described above.*
2. *Enter "000" in the extreme right box of Item XIV-D(1).*
3. *Enter in the space provided on page 7, Item XIV-E, the line number and the additional code(s).*

2. **PROCESS DESCRIPTION:** *If a code is not listed for a process that will be used, describe the process in the space provided on the form (D.(2)).*

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER- Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

1. *Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B, C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.*
2. *In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.*
3. *Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste.*

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill.

Line Number	A. EPA HAZARD WASTE NO. (enter code)	B. ESTIMATED ANNUAL QUANTITY OF WASTE	C. UNIT OF MEASURE (enter code)	D. PROCESS (1) PROCESS CODES (enter)	D. PROCESS (2) PROCESS DESCRIPTION (If a code is not entered in D(1))
X 1	K 0 5 4	900	P	T 0 3 D 8 0	
X 2	D 0 0 2	400	P	T 0 3 D 8 0	
X 3	D 0 0 1	100	P	T 0 3 D 8 0	
X 4	D 0 0 2				Included With Above

Please print or type with ELITE type (12 characters per inch).

EPA

Sequence No. (enter from page 1)

K	S	D	0	0	7	2	4	6	8	4	6

1	F	0	0	1	7000000	P	S	0	1	S	0	2	T	0	4	
2	F	0	0	2	7000000	P	S	0	1	S	0	2	T	0	4	
3	F	0	0	3	7000000	P	S	0	1	S	0	2	T	0	4	
4	F	0	0	4	140000	P	S	0	1	S	0	2	T	0	4	
5	F	0	0	5	7000000	P	S	0	1	S	0	2	T	0	4	
6	F	0	0	6	60000	P	S	0	1	S	0	2	T	0	4	
7	F	0	0	7	60000	P	S	0	1	T	0	4	T	0	4	
8	F	0	0	8	60000	P	S	0	1	T	0	4	T	0	4	
9	F	0	0	9	60000	P	S	0	1	T	0	4	T	0	4	
10	F	0	1	0	60000	P	S	0	1	T	0	4	T	0	4	
11	F	0	1	1	60000	P	S	0	1	T	0	4	T	0	4	
12	F	0	1	2	60000	P	S	0	1	T	0	4	T	0	4	
13	F	0	1	9	60000	P	S	0	1	S	0	2	T	0	4	
14	F	0	2	4	60000	P	S	0	1	S	0	2	T	0	4	
15	F	0	2	5	100000	P	S	0	1	S	0	2	T	0	4	
16	F	0	3	2	60000	P	S	0	1	T	0	4	T	0	4	
17	F	0	3	4	60000	P	S	0	1	T	0	4	T	0	4	
18	F	0	3	5	60000	P	S	0	1	T	0	4	T	0	4	
19	F	0	3	7	60000	P	S	0	1	S	0	2	T	0	4	
20	F	0	3	8	60000	P	S	0	1	S	0	2	T	0	4	
21	F	0	3	9	60000	P	S	0	1	S	0	2	T	0	4	
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																
34																
35																

K	S	D	0	0	7	2	4	6	8	4	6												

D	0	0	1	7000000	P	S	0	1	S	0	2	T	0	4									
D	0	0	2	275000	P	S	0	1	S	0	2	T	0	4									
D	0	0	3	400000	P	S	0	1	S	0	2	T	0	4									
D	0	0	4	100000	P	S	0	1	S	0	2	T	0	4									
D	0	0	5	100000	P	S	0	1	S	0	2	T	0	4									
D	0	0	6	100000	P	S	0	1	S	0	2	T	0	4									
D	0	0	7	100000	P	S	0	1	S	0	2	T	0	4									
D	0	0	8	100000	P	S	0	1	S	0	2	T	0	4									
D	0	0	9	100000	P	S	0	1	S	0	2	T	0	4									
D	0	1	0	100000	P	S	0	1	S	0	2	T	0	4									
D	0	1	1	100000	P	S	0	1	S	0	2	T	0	4									
D	0	1	2	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	3	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	4	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	5	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	6	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	7	60000	P	S	0	1	S	0	2	T	0	4									
D	0	1	8	600000	P	S	0	1	S	0	2	T	0	4									
D	0	1	9	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	0	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	1	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	2	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	3	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	4	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	5	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	6	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	7	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	8	60000	P	S	0	1	S	0	2	T	0	4									
D	0	2	9	60000	P	S	0	1	S	0	2	T	0	4									
D	0	3	0	60000	P	S	0	1	S	0	2	T	0	4									
D	0	3	1	60000	P	S	0	1	S	0	2	T	0	4									
D	0	3	2	60000	P	S	0	1	S	0	2	T	0	4									
D	0	3	3	60000	P	S	0	1	S	0	2	T	0	4									

K	S	D	0	0	7	2	4	6	8	4	6												

D	0	3	4	60000	P	S	0	1	S	0	2	T	0	4				
D	0	3	5	60000	P	S	0	1	S	0	2	T	0	4				
D	0	3	6	60000	P	S	0	1	S	0	2	T	0	4				
D	0	3	7	60000	P	S	0	1	S	0	2	T	0	4				
D	0	3	8	60000	P	S	0	1	S	0	2	T	0	4				
D	0	3	9	600000	P	S	0	1	S	0	2	T	0	4				
D	0	4	0	60000	P	S	0	1	S	0	2	T	0	4				
D	0	4	1	60000	P	S	0	1	S	0	2	T	0	4				
D	0	4	2	60000	P	S	0	1	S	0	2	T	0	4				
D	0	4	3	60000	P	S	0	1	S	0	2	T	0	4				

EPA											Secondary ID Number (enter from page 1)													
K	S	D	0	0	7	2	4	6	8	4	6													

1	K	0	0	1	60000	P	S	0	1	S	0	2	T	0	4		
2	K	0	0	2	60000	P	S	0	1	S	0	2	T	0	4		
3	K	0	0	3	60000	P	S	0	1	S	0	2	T	0	4		
4	K	0	0	4	60000	P	S	0	1	S	0	2	T	0	4		
5	K	0	0	5	60000	P	S	0	1	S	0	2	T	0	4		
6	K	0	0	6	60000	P	S	0	1	S	0	2	T	0	4		
7	K	0	0	7	60000	P	S	0	1	S	0	2	T	0	4		
8	K	0	0	8	60000	P	S	0	1	S	0	2	T	0	4		
9	K	0	0	9	60000	P	S	0	1	S	0	2	T	0	4		
10	K	0	1	0	60000	P	S	0	1	S	0	2	T	0	4		
11	K	0	1	1	60000	P	S	0	1	S	0	2	T	0	4		
12	K	0	1	3	60000	P	S	0	1	S	0	2	T	0	4		
13	K	0	1	4	60000	P	S	0	1	S	0	2	T	0	4		
14	K	0	1	5	60000	P	S	0	1	S	0	2	T	0	4		
15	K	0	1	6	60000	P	S	0	1	S	0	2	T	0	4		
16	K	0	1	7	60000	P	S	0	1	S	0	2	T	0	4		
17	K	0	1	8	60000	P	S	0	1	S	0	2	T	0	4		
18	K	0	1	9	60000	P	S	0	1	S	0	2	T	0	4		
19	K	0	2	0	60000	P	S	0	1	S	0	2	T	0	4		
20	K	0	2	1	60000	P	S	0	1	S	0	2	T	0	4		
21	K	0	2	2	60000	P	S	0	1	S	0	2	T	0	4		
22	K	0	2	3	60000	P	S	0	1	S	0	2	T	0	4		
23	K	0	2	4	60000	P	S	0	1	S	0	2	T	0	4		
24	K	0	2	5	60000	P	S	0	1	S	0	2	T	0	4		
25	K	0	2	6	60000	P	S	0	1	S	0	2	T	0	4		
26	K	0	2	7	60000	P	S	0	1	S	0	2	T	0	4		
27	K	0	2	8	60000	P	S	0	1	S	0	2	T	0	4		
28	K	0	2	9	60000	P	S	0	1	S	0	2	T	0	4		
29	K	0	3	0	60000	P	S	0	1	S	0	2	T	0	4		
30	K	0	3	1	60000	P	S	0	1	S	0	2	T	0	4		
31	K	0	3	2	60000	P	S	0	1	S	0	2	T	0	4		
32	K	0	3	3	60000	P	S	0	1	S	0	2	T	0	4		
33	K	0	3	4	60000	P	S	0	1	S	0	2	T	0	4		

K	S	D	0	0	7	2	4	6	8	4	6												

	K	0	3	5	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	3	6	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	3	7	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	3	8	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	3	9	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	0	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	1	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	2	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	3	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	4	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	5	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	6	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	7	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	8	100000	P	S	0	1	S	0	2	T	0	4								
	K	0	4	9	100000	P	S	0	1	S	0	2	T	0	4								
	K	0	5	0	100000	P	S	0	1	S	0	2	T	0	4								
	K	0	5	1	500000	P	S	0	1	S	0	2	T	0	4								
	K	0	5	2	100000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	0	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	1	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	2	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	4	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	5	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	6	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	6	9	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	7	1	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	7	3	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	3	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	4	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	5	200000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	6	200000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	7	60000	P	S	0	1	S	0	2	T	0	4								
	K	0	8	8	60000	P	S	0	1	S	0	2	T	0	4								

K	S	D	0	0	7	2	4	6	8	4	6												

1	1	K	0	9	0	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	1	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	3	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	4	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	5	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	6	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	7	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	8	60000	P	S	0	1	S	0	2	T	0	4	
		K	0	9	9	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	0	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	1	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	2	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	3	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	4	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	5	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	6	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	7	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	8	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	0	9	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	1	0	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	1	1	60000	P	S	0	1	S	0	2	T	0	4	
2	2	K	1	1	2	60000	P	S	0	1	S	0	2	T	0	4	
		K	1	1	3	60000	P	S	0	1	S	0	2	T	0	4	
2	4	K	1	1	4	60000	P	S	0	1	S	0	2	T	0	4	
2	5	K	1	1	5	60000	P	S	0	1	S	0	2	T	0	4	
2	6	K	1	1	6	60000	P	S	0	1	S	0	2	T	0	4	
2	7	K	1	1	7	60000	P	S	0	1	S	0	2	T	0	4	
2	8	K	1	1	8	60000	P	S	0	1	S	0	2	T	0	4	
2	9	K	1	2	3	60000	P	S	0	1	S	0	2	T	0	4	
3	0	K	1	2	4	60000	P	S	0	1	S	0	2	T	0	4	
3	1	K	1	2	5	60000	P	S	0	1	S	0	2	T	0	4	
3	2	K	1	2	6	60000	P	S	0	1	S	0	2	T	0	4	
3	3	K	1	3	1	60000	P	S	0	1	S	0	2	T	0	4	

K	S	D	0	0	7	2	4	6	[redacted]	4	6

1	K	1	3	2	60000	P	S	0	1	S	0	2	T	0	4	
2	K	1	3	6	60000	P	S	0	1	S	0	2	T	0	4	
3	K	1	4	1	60000	P	S	0	1	S	0	2	T	0	4	
4	K	1	4	2	60000	P	S	0	1	S	0	2	T	0	4	
5	K	1	4	3	60000	P	S	0	1	S	0	2	T	0	4	
6	K	1	4	4	60000	P	S	0	1	S	0	2	T	0	4	
7	K	1	4	5	60000	P	S	0	1	S	0	2	T	0	4	
8	K	1	4	7	60000	P	S	0	1	S	0	2	T	0	4	
9	K	1	4	8	60000	P	S	0	1	S	0	2	T	0	4	
10	K	1	4	9	60000	P	S	0	1	S	0	2	T	0	4	
11	K	1	5	0	60000	P	S	0	1	S	0	2	T	0	4	
12	K	1	5	1	60000	P	S	0	1	S	0	2	T	0	4	
13																
14																
15																
16																
17																
18																
19																
20																
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33																

K	S	D	0	0	7	2	4	6	8	4	6												

	U	0	0	1	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	2	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	3	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	4	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	5	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	6	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	7	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	8	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	0	9	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	0	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	1	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	2	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	4	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	5	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	6	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	7	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	8	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	1	9	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	0	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	1	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	2	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	3	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	4	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	5	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	6	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	7	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	8	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	2	9	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	3	0	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	3	1	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	3	2	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	3	3	60000	P	S	0	1	S	0	2	T	0	4				
	U	0	3	4	60000	P	S	0	1	S	0	2	T	0	4				

EPA ID	Secondary ID Number (enter from page 1)
K S D 0 0 7 2 4 6 8 4 6	

Unit Number																		
1	1	U	0	3	5	60000	P	S	0	1	S	0	2	T	0	4		
2	2	U	0	3	6	60000	P	S	0	1	S	0	2	T	0	4		
2	3	U	0	3	7	60000	P	S	0	1	S	0	2	T	0	4		
2	4	U	0	3	8	60000	P	S	0	1	S	0	2	T	0	4		
2	5	U	0	3	9	60000	P	S	0	1	S	0	2	T	0	4		
2	6	U	0	4	1	60000	P	S	0	1	S	0	2	T	0	4		
2	7	U	0	4	2	60000	P	S	0	1	S	0	2	T	0	4		
2	8	U	0	4	3	60000	P	S	0	1	S	0	2	T	0	4		
2	9	U	0	4	4	60000	P	S	0	1	S	0	2	T	0	4		
3	0	U	0	4	5	60000	P	S	0	1	S	0	2	T	0	4		
3	1	U	0	4	6	60000	P	S	0	1	S	0	2	T	0	4		
3	2	U	0	4	7	60000	P	S	0	1	S	0	2	T	0	4		
3	3	U	0	4	8	60000	P	S	0	1	S	0	2	T	0	4		
3	4	U	0	4	9	60000	P	S	0	1	S	0	2	T	0	4		
3	5	U	0	5	0	60000	P	S	0	1	S	0	2	T	0	4		
3	6	U	0	5	1	60000	P	S	0	1	S	0	2	T	0	4		
3	7	U	0	5	2	60000	P	S	0	1	S	0	2	T	0	4		
3	8	U	0	5	3	60000	P	S	0	1	S	0	2	T	0	4		
3	9	U	0	5	5	60000	P	S	0	1	S	0	2	T	0	4		
4	0	U	0	5	6	60000	P	S	0	1	S	0	2	T	0	4		
4	1	U	0	5	7	60000	P	S	0	1	S	0	2	T	0	4		
4	2	U	0	5	8	60000	P	S	0	1	S	0	2	T	0	4		
4	3	U	0	5	9	60000	P	S	0	1	S	0	2	T	0	4		
4	4	U	0	6	0	60000	P	S	0	1	S	0	2	T	0	4		
4	5	U	0	6	1	60000	P	S	0	1	S	0	2	T	0	4		
4	6	U	0	6	2	60000	P	S	0	1	S	0	2	T	0	4		
4	7	U	0	6	3	60000	P	S	0	1	S	0	2	T	0	4		
4	8	U	0	6	4	60000	P	S	0	1	S	0	2	T	0	4		
4	9	U	0	6	6	60000	P	S	0	1	S	0	2	T	0	4		
5	0	U	0	6	7	60000	P	S	0	1	S	0	2	T	0	4		
5	1	U	0	6	8	60000	P	S	0	1	S	0	2	T	0	4		
5	2	U	0	6	9	60000	P	S	0	1	S	0	2	T	0	4		
5	3	U	0	7	0	60000	P	S	0	1	S	0	2	T	0	4		

[redacted]

K	S	D	0	0	7	2	4	6	8	4	6	[redacted]

[redacted]

[redacted]	[redacted]				[redacted]	[redacted]	[redacted]									[redacted]
[redacted]	U	0	7	1	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	2	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	3	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	4	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	5	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	6	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	7	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	7	9	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	0	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	1	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	2	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	3	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	4	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	5	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	6	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	7	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	U	0	8	9	60000	P	S	0	1	S	0	2	T	0	4	
2 0	U	0	9	0	60000	P	S	0	1	S	0	2	T	0	4	
2 1	U	0	9	1	60000	P	S	0	1	S	0	2	T	0	4	
2 2	U	0	9	2	60000	P	S	0	1	S	0	2	T	0	4	
2 3	U	0	9	3	60000	P	S	0	1	S	0	2	T	0	4	
2 4	U	0	9	4	60000	P	S	0	1	S	0	2	T	0	4	
2 5	U	0	9	5	60000	P	S	0	1	S	0	2	T	0	4	
2 6	U	0	9	6	60000	P	S	0	1	S	0	2	T	0	4	
2 7	U	0	9	7	60000	P	S	0	1	S	0	2	T	0	4	
2 8	U	0	9	8	60000	P	S	0	1	S	0	2	T	0	4	
2 9	U	0	9	9	60000	P	S	0	1	S	0	2	T	0	4	
3 0	U	1	0	1	60000	P	S	0	1	S	0	2	T	0	4	
3 1	U	1	0	2	60000	P	S	0	1	S	0	2	T	0	4	
3 2	U	1	0	3	60000	P	S	0	1	S	0	2	T	0	4	
3 3	U	1	0	5	60000	P	S	0	1	S	0	2	T	0	4	

EPA I.D. Number (enter from page 1) | Secondary ID Number (enter from page 1)

K S D 0 0 7 2 4 6 8 4 6

XIV. Description of Hazardous Wastes (continued)

Line Number	A. EPA Hazardous Waste No.	B. Estimated Annual Quantity of Waste	C. Unit of Measure	D. 1. Process Codes	D. 2. Process Description
1	U106	60000	P	S01 S02 T04	
2	U107	60000	P	S01 S02 T04	
3	U108	60000	P	S01 S02 T04	
4	U109	60000	P	S01 S02 T04	
5	U110	60000	P	S01 S02 T04	
6	U111	60000	P	S01 S02 T04	
7	U112	60000	P	S01 S02 T04	
8	U113	60000	P	S01 S02 T04	
9	U114	60000	P	S01 S02 T04	
10	U115	60000	P	S01 S02 T04	
11	U116	60000	P	S01 S02 T04	
12	U117	60000	P	S01 S02 T04	
13	U118	60000	P	S01 S02 T04	
14	U119	60000	P	S01 S02 T04	
15	U120	60000	P	S01 S02 T04	
16	U121	60000	P	S01 S02 T04	
17	U122	60000	P	S01 S02 T04	
18	U123	60000	P	S01 S02 T04	
19	U124	60000	P	S01 S02 T04	
20	U125	60000	P	S01 S02 T04	
21	U126	60000	P	S01 S02 T04	
22	U127	60000	P	S01 S02 T04	
23	U128	60000	P	S01 S02 T04	
24	U129	60000	P	S01 S02 T04	
25	U130	60000	P	S01 S02 T04	
26	U131	60000	P	S01 S02 T04	
27	U132	60000	P	S01 S02 T04	
28	U133	60000	P	S01 S02 T04	
29	U134	60000	P	S01 S02 T04	
30	U135	60000	P	S01 S02 T04	
31	U136	60000	P	S01 S02 T04	
32	U137	60000	P	S01 S02 T04	
33	U138	60000	P	S01 S02 T04	

EPA I.D. Number (enter from page 1) — Secondary ID Number (enter from page 1)

K	S	D	0	0	7	2	4	6	8	4	6

XIV. Desc[illegible]

Line Number	A. EPA Hazardous Waste No.	B. Estimated Annual Quantity of Waste	C. Unit of Measure	D. Processes (1) Process Codes	(2) Process Description
1	U140	60000	P	S01 S02 T04	
2	U141	60000	P	S01 S02 T04	
3	U142	60000	P	S01 S02 T04	
4	U143	60000	P	S01 S02 T04	
[illegible]	U144	60000	P	S01 S02 T04	
[illegible]	U145	60000	P	S01 S02 T04	
[illegible]	U146	60000	P	S01 S02 T04	
[illegible]	U147	60000	P	S01 S02 T04	
[illegible]	U148	60000	P	S01 S02 T04	
[illegible]	U149	60000	P	S01 S02 T04	
[illegible]	U150	60000	P	S01 S02 T04	
[illegible]	U151	60000	P	S01 S02 T04	
[illegible]	U152	60000	P	S01 S02 T04	
[illegible]	U153	60000	P	S01 S02 T04	
[illegible]	U154	60000	P	S01 S02 T04	
[illegible]	U155	60000	P	S01 S02 T04	
[illegible]	U156	60000	P	S01 S02 T04	
[illegible]	U157	60000	P	S01 S02 T04	
[illegible]	U158	60000	P	S01 S02 T04	
20	U159	60000	P	S01 S02 T04	
21	U160	60000	P	S01 S02 T04	
22	U161	60000	P	S01 S02 T04	
23	U162	60000	P	S01 S02 T04	
24	U163	60000	P	S01 S02 T04	
25	U164	60000	P	S01 S02 T04	
26	U165	60000	P	S01 S02 T04	
27	U166	60000	P	S01 S02 T04	
28	U167	60000	P	S01 S02 T04	
29	U168	60000	P	S01 S02 T04	
30	U169	60000	P	S01 S02 T04	
31	U170	60000	P	S01 S02 T04	
32	U171	60000	P	S01 S02 T04	
33	U172	60000	P	S01 S02 T04	

EPA ID Number: K S D 0 0 7 2 4 6 4 6 | Secondary ID Number (enter from page 1):

Line Number																
1	1	U	1	7	3	60000	P	S	0	1	S	0	2	T	0	4
1	2	U	1	7	4	60000	P	S	0	1	S	0	2	T	0	4
1	3	U	1	7	6	60000	P	S	0	1	S	0	2	T	0	4
1	4	U	1	7	7	60000	P	S	0	1	S	0	2	T	0	4
1	5	U	1	7	8	60000	P	S	0	1	S	0	2	T	0	4
1	6	U	1	7	9	60000	P	S	0	1	S	0	2	T	0	4
1	7	U	1	8	0	60000	P	S	0	1	S	0	2	T	0	4
1	8	U	1	8	1	60000	P	S	0	1	S	0	2	T	0	4
1	9	U	1	8	2	60000	P	S	0	1	S	0	2	T	0	4
1	10	U	1	8	3	60000	P	S	0	1	S	0	2	T	0	4
1	11	U	1	8	4	60000	P	S	0	1	S	0	2	T	0	4
1	12	U	1	8	5	60000	P	S	0	1	S	0	2	T	0	4
1	13	U	1	8	6	60000	P	S	0	1	S	0	2	T	0	4
1	14	U	1	8	7	60000	P	S	0	1	S	0	2	T	0	4
1	15	U	1	8	8	60000	P	S	0	1	S	0	2	T	0	4
1	16	U	1	8	9	60000	P	S	0	1	S	0	2	T	0	4
1	17	U	1	9	0	60000	P	S	0	1	S	0	2	T	0	4
1	18	U	1	9	1	60000	P	S	0	1	S	0	2	T	0	4
1	19	U	1	9	2	60000	P	S	0	1	S	0	2	T	0	4
2	0	U	1	9	3	60000	P	S	0	1	S	0	2	T	0	4
2	1	U	1	9	4	60000	P	S	0	1	S	0	2	T	0	4
2	2	U	1	9	6	60000	P	S	0	1	S	0	2	T	0	4
2	3	U	1	9	7	60000	P	S	0	1	S	0	2	T	0	4
2	4	U	2	0	0	60000	P	S	0	1	S	0	2	T	0	4
2	5	U	2	0	1	60000	P	S	0	1	S	0	2	T	0	4
2	6	U	2	0	2	60000	P	S	0	1	S	0	2	T	0	4
2	7	U	2	0	3	60000	P	S	0	1	S	0	2	T	0	4
2	8	U	2	0	4	60000	P	S	0	1	S	0	2	T	0	4
2	9	U	2	0	5	60000	P	S	0	1	S	0	2	T	0	4
3	0	U	2	0	6	60000	P	S	0	1	S	0	2	T	0	4
3	1	U	2	0	7	60000	P	S	0	1	S	0	2	T	0	4
3	2	U	2	0	8	60000	P	S	0	1	S	0	2	T	0	4
3	3	U	2	0	9	60000	P	S	0	1	S	0	2	T	0	4

[redacted]

K	S	D	0	0	7	2	4	6	8	4	6	[redacted]										

[redacted]

[redacted]	[redacted]				[redacted]	[redacted]	[redacted]									[redacted]
1	U	2	1	0	60000	P	S	0	1	S	0	2	T	0	4	
2	U	2	1	1	60000	P	S	0	1	S	0	2	T	0	4	
3	U	2	1	3	60000	P	S	0	1	S	0	2	T	0	4	
4	U	2	1	4	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	1	5	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	1	6	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	1	7	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	1	8	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	1	9	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	0	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	1	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	2	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	3	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	5	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	6	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	7	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	2	8	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	3	4	60000	P	S	0	1	S	0	2	T	0	4	
[illegible]	U	2	3	5	60000	P	S	0	1	S	0	2	T	0	4	
20	U	2	3	6	60000	P	S	0	1	S	0	2	T	0	4	
21	U	2	3	7	60000	P	S	0	1	S	0	2	T	0	4	
22	U	2	3	8	60000	P	S	0	1	S	0	2	T	0	4	
23	U	2	3	9	60000	P	S	0	1	S	0	2	T	0	4	
24	U	2	4	0	60000	P	S	0	1	S	0	2	T	0	4	
25	U	2	4	3	60000	P	S	0	1	S	0	2	T	0	4	
26	U	2	4	4	60000	P	S	0	1	S	0	2	T	0	4	
27	U	2	4	6	60000	P	S	0	1	S	0	2	T	0	4	
28	U	2	4	7	60000	P	S	0	1	S	0	2	T	0	4	
29	U	2	4	8	60000	P	S	0	1	S	0	2	T	0	4	
30	U	2	4	9	60000	P	S	0	1	S	0	2	T	0	4	
31	U	3	2	8	60000	P	S	0	1	S	0	2	T	0	4	
32	U	3	5	3	60000	P	S	0	1	S	0	2	T	0	4	
33	U	3	5	9	60000	P	S	0	1	S	0	2	T	0	4	

EPA I.D. Number [illegible] Secondary ID Number (enter from page 1)

K	S	D	0	0	7	2	4	6	8	4	6

[illegible]

Line Number	Process Code	Design Capacity	Unit of Measure	Process Codes	Process Codes	Process Codes	Description
1	P 0 0 1	60000	P	S 0 1	S 0 2	T 0 4	
2	P 0 0 2	60000	P	S 0 1	S 0 2	T 0 4	
3	P 0 0 3	60000	P	S 0 1	S 0 2	T 0 4	
4	P 0 0 4	60000	P	S 0 1	S 0 2	T 0 4	
5	P 0 0 5	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 0 6	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 0 7	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 0 8	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 0 9	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 0	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 1	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 2	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 3	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 4	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 5	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 6	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 7	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 1 8	60000	P	S 0 1	S 0 2	T 0 4	
[illegible]	P 0 2 0	60000	P	S 0 1	S 0 2	T 0 4	
2 0	P 0 2 1	60000	P	S 0 1	S 0 2	T 0 4	
2 1	P 0 2 2	60000	P	S 0 1	S 0 2	T 0 4	
2 2	P 0 2 3	60000	P	S 0 1	S 0 2	T 0 4	
2 3	P 0 2 4	60000	P	S 0 1	S 0 2	T 0 4	
2 4	P 0 2 6	60000	P	S 0 1	S 0 2	T 0 4	
2 5	P 0 2 7	60000	P	S 0 1	S 0 2	T 0 4	
2 6	P 0 2 8	60000	P	S 0 1	S 0 2	T 0 4	
2 7	P 0 2 9	60000	P	S 0 1	S 0 2	T 0 4	
2 8	P 0 3 0	60000	P	S 0 1	S 0 2	T 0 4	
2 9	P 0 3 1	60000	P	S 0 1	S 0 2	T 0 4	
3 0	P 0 3 3	60000	P	S 0 1	S 0 2	T 0 4	
3 1	P 0 3 4	60000	P	S 0 1	S 0 2	T 0 4	
3 2	P 0 3 6	60000	P	S 0 1	S 0 2	T 0 4	
3 3	P 0 3 7	60000	P	S 0 1	S 0 2	T 0 4	

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

[redacted]

K	S	D	0	0	7	2	4	6	8	4	6	[redacted]											

[redacted]

[redacted]																
[redacted]	P	0	3	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	3	9	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	0	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	1	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	2	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	3	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	4	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	5	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	6	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	7	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	4	9	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	0	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	1	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	4	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	6	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	7	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	5	9	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	6	0	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	6	2	60000	P	S	0	1	S	0	2	T	0	4	
2 2	P	0	6	3	60000	P	S	0	1	S	0	2	T	0	4	
2 3	P	0	6	4	60000	P	S	0	1	S	0	2	T	0	4	
2 4	P	0	6	5	60000	P	S	0	1	S	0	2	T	0	4	
2 5	P	0	6	6	60000	P	S	0	1	S	0	2	T	0	4	
2 6	P	0	6	7	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	6	8	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	6	9	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	7	0	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	7	1	60000	P	S	0	1	S	0	2	T	0	4	
[redacted]	P	0	7	2	60000	P	S	0	1	S	0	2	T	0	4	
3 2	P	0	7	3	60000	P	S	0	1	S	0	2	T	0	4	
3 3	P	0	7	4	60000	P	S	0	1	S	0	2	T	0	4	

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0249-EPA-OT

EPA ID												Secondary ID Number (enter from page 1)												
K	S	D	0	0	7	2	4	6	8	4	6													

Line Number																	
1	P	0	7	5	60000	P	S	0	1	S	0	2	T	0	4		
2	P	0	7	6	60000	P	S	0	1	S	0	2	T	0	4		
3	P	0	7	7	60000	P	S	0	1	S	0	2	T	0	4		
4	P	0	7	8	60000	P	S	0	1	S	0	2	T	0	4		
5	P	0	8	1	60000	P	S	0	1	S	0	2	T	0	4		
6	P	0	8	2	60000	P	S	0	1	S	0	2	T	0	4		
7	P	0	8	4	60000	P	S	0	1	S	0	2	T	0	4		
8	P	0	8	5	60000	P	S	0	1	S	0	2	T	0	4		
9	P	0	8	7	60000	P	S	0	1	S	0	2	T	0	4		
10	P	0	8	8	60000	P	S	0	1	S	0	2	T	0	4		
11	P	0	8	9	60000	P	S	0	1	S	0	2	T	0	4		
12	P	0	9	2	60000	P	S	0	1	S	0	2	T	0	4		
13	P	0	9	3	60000	P	S	0	1	S	0	2	T	0	4		
14	P	0	9	4	60000	P	S	0	1	S	0	2	T	0	4		
15	P	0	9	5	60000	P	S	0	1	S	0	2	T	0	4		
16	P	0	9	6	60000	P	S	0	1	S	0	2	T	0	4		
17	P	0	9	7	60000	P	S	0	1	S	0	2	T	0	4		
18	P	0	9	8	60000	P	S	0	1	S	0	2	T	0	4		
19	P	0	9	9	60000	P	S	0	1	S	0	2	T	0	4		
20	P	1	0	1	60000	P	S	0	1	S	0	2	T	0	4		
21	P	1	0	2	60000	P	S	0	1	S	0	2	T	0	4		
22	P	1	0	3	60000	P	S	0	1	S	0	2	T	0	4		
23	P	1	0	4	60000	P	S	0	1	S	0	2	T	0	4		
24	P	1	0	5	60000	P	S	0	1	S	0	2	T	0	4		
25	P	1	0	6	60000	P	S	0	1	S	0	2	T	0	4		
26	P	1	0	8	60000	P	S	0	1	S	0	2	T	0	4		
27	P	1	0	9	60000	P	S	0	1	S	0	2	T	0	4		
28	P	1	1	0	60000	P	S	0	1	S	0	2	T	0	4		
29	P	1	1	1	60000	P	S	0	1	S	0	2	T	0	4		
30	P	1	1	2	60000	P	S	0	1	S	0	2	T	0	4		
31	P	1	1	3	60000	P	S	0	1	S	0	2	T	0	4		
32	P	1	1	4	60000	P	S	0	1	S	0	2	T	0	4		
33	P	1	1	5	60000	P	S	0	1	S	0	2	T	0	4		

Please print or type with ELITE type (12 characters per inch) in the unshaded areas only

Form Approved. OMB No. 2050-0034 Expires 12-31-91
GSA No. 0248-EPA-OT

K	S	D	0	0	7	2	4	6	8	4	6	[illegible]

1	P116	60000	P	S01	S02	T04			
2	P118	60000	P	S01	S02	T04			
3	P119	60000	P	S01	S02	T04			
4	P120	60000	P	S01	S02	T04			
5	P121	60000	P	S01	S02	T04			
6	P122	60000	P	S01	S02	T04			
7	P123	60000	P	S01	S02	T04			
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									

EPA I.D. Number (enter from page 1)

K	S	D	0	0	7	2		6	8	4	6

Secondary ID Number (enter from page 1)

XIV. Description of Hazardous Waste (continued)

E. USE THIS SPACE TO LIST ADDITIONAL PROCESS CODES FROM ITEM D(1) ON PAGE 6.

Line Number	Additional Process Codes (enter)

XV. Map

Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs, rivers and other surface water bodies in this map area. See instructions for precise requirements.

XVI. Facility Drawing

All existing facilities must include a scale drawing of the facility (see instructions for more detail).

XVII. Photographs

All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage, treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).

XVIII. Certification(s)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

Owner Signature

Date Signed 12/20/93

Name and Official Title (type or print)

Robert M. Apple, Vice President-Operations, Hydrocarbon Recyclers, Inc. of Wichita

Operator Signature

Date Signed 12/20/93

Name and Official Title (type or print)

Robert M. Apple, Vice President-Operations, Hydrocarbon Recyclers, Inc.

XIX. Comments

This is a revised Part A Hazardous Waste Permit Application, dated December 20, 1993.

Hydrocarbon Recyclers, Inc. does business as USPCI, Inc., as Hydrocarbon Recyclers, Inc. of Wichita, and as Treatment and Recovery Services.

Note: Mail completed form to the appropriate EPA Regional or State Office. (refer to instructions for more information)